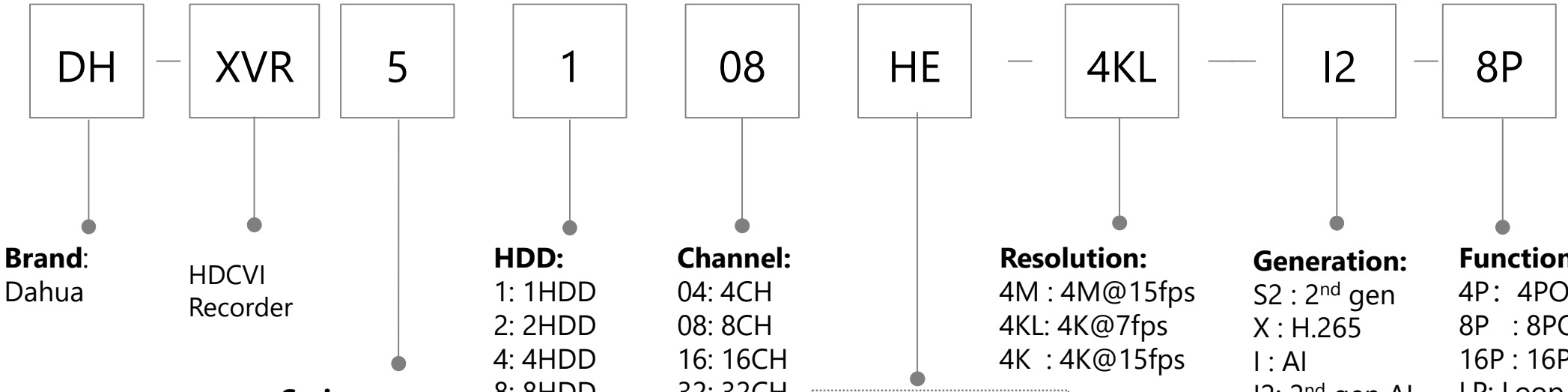
Name Rule V1.20221111

Page	Product	Page	Product
1	V1.20221111	**45**	ATM DVR/NVR
2	V2.20221111	**46**	Thermal Camera
3	HDCVI Recorder (XVR)	**47**	Consumer Camera
4~6	HDCVI Camera/Cooper series	**48~54**	Display: LCD/Interactive/LED
7~11	Mobile DVR/NVR Mobile HDCVI Camera Mobile IPC Mobile Active Safety Camera	**55~58**	Control: Decoder/Matrix/KVM
12~16	Network Camera	**59~60**	Public Lens/audio
17~18	General NVR/AI NVR	**61~62**	Alarm
19~20	IVSS/IVD/EVS/ESS	**63~68**	Access Control
21~26	Accessory/Video Conferencing	**69~73**	Intelligent Traffic System
27~28	Speed Dome (PTZ Camera)	**74**	IVS
29~35	MPT/SSD/Memory Card/USB Flash Drivers/PSSD & eHDD/DRAM	**75**	Dashcam
36~40	Transmission: Switch/Wireless Bridge	**76~79**	Security screening product
41-43	Video Intercom	**80~81**	DSS/PMS
44	KIT	**82**	White board

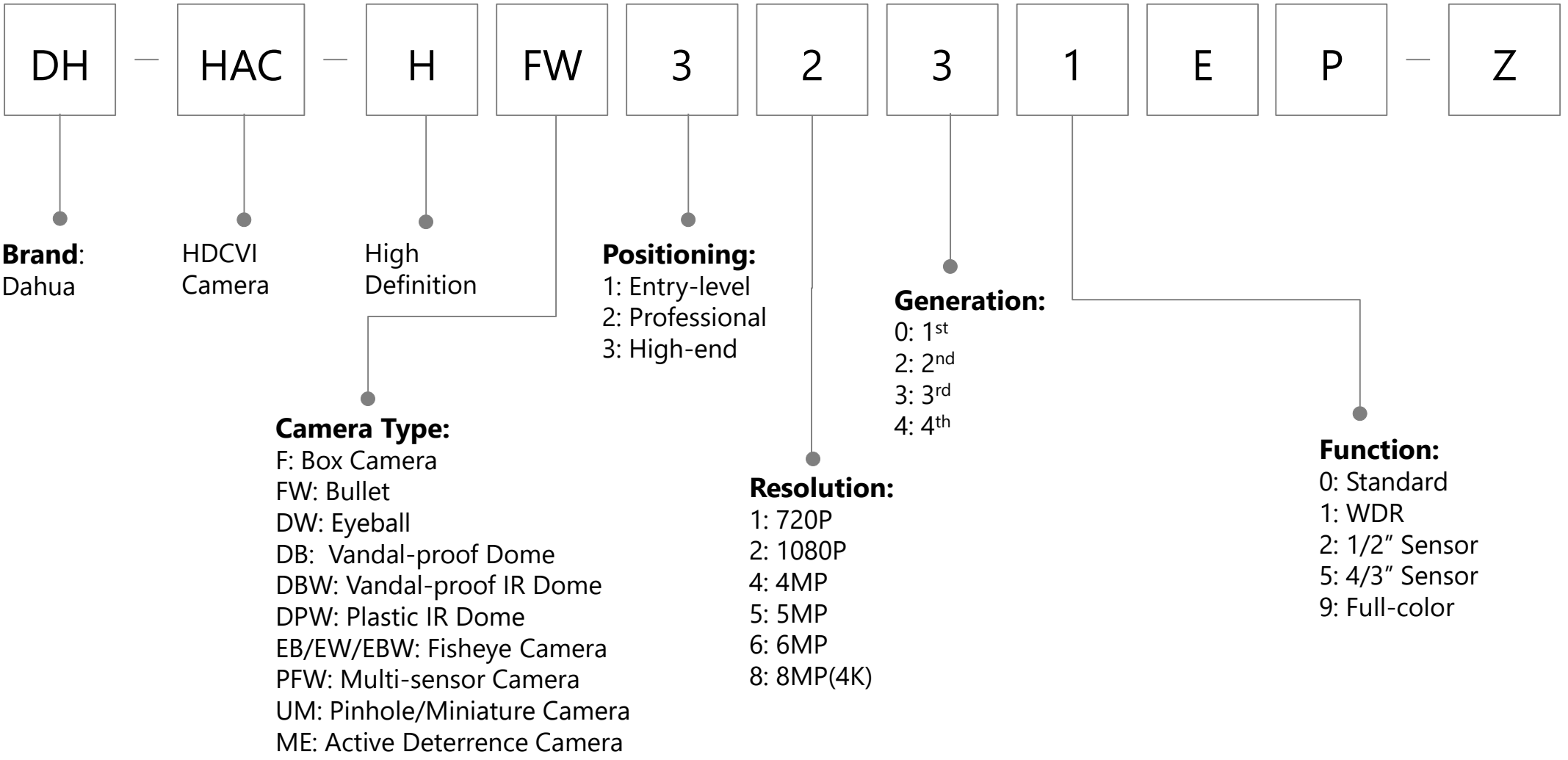
Name Rule V2.20221111

Page	Product	Page	Product

HDCVI Recorder (XVR)



HDCVI Camera (1/2)



HDCVI Camera （2/2）

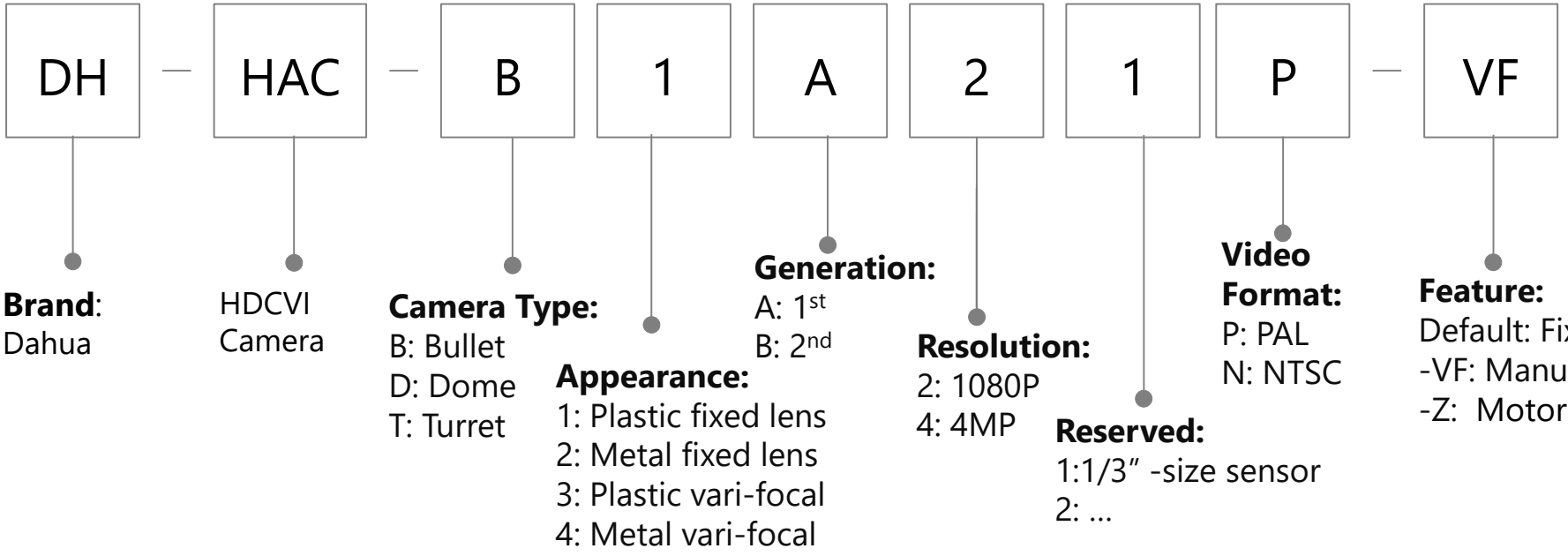
DH	–	HAC	–	H	FW	3	2	3	1	E	P	–	Z

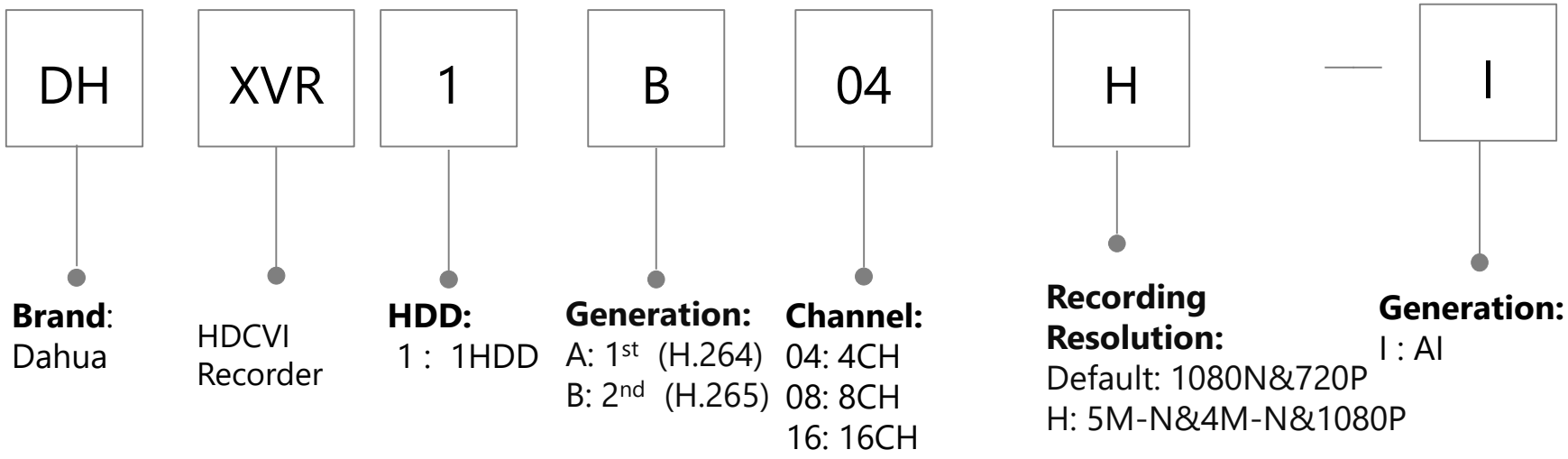
Case：
A：IR Cube
B： Active Deterrence Bullet/ Pinhole Camera
C：Active Deterrence Bullet / Plastic Bullet
CM: Metal Bullet
D: Active Deterrence Bullet/ Metal Bullet
E：Metal Bullet/Metal Dome
EA：Metal Dome
EQ: Active Deterrence Quick-to-install Eyeball
EM: Metal Eyeball
F: Metal Wedge Dome
G：Micro-size Bullet/ Box
H： TiOC Metal Eyeball
M：Metal Eyeball
R: Plastic Bullet/ Plastic Eyeball
RA: Metal Dome
R-Z: Metal Bullet/ Metal Dome
S: Metal Bullet
T: Metal Bullet/ Metal Eyeball
T-Z: Metal Bullet/ Metal Eyeball
T-I8: Large size Metal Bullet
TE: Metal+Plastic Eyeball
TH-I4: IR 40m Bullet (Metal Bracket)
TH-I8: IR 80m Bullet (Metal Bracket)
TL: Bullet/Eyeball
TLM: Metal Bracket Bullet
TM：Metal Bullet
TQ: Quick-to-install Eyeball (82mm)
TLQ: Quick-to-install Eyeball (69mm)
TLMQ: Quick-to-install Metal Eyeball(69mm)
TMQ: Quick-to-install Metal Eyeball (82mm)
TRQ: Quick-to-install Eyeball (Without IP67) (69mm)

Video Format:
P: PAL
N: NTSC

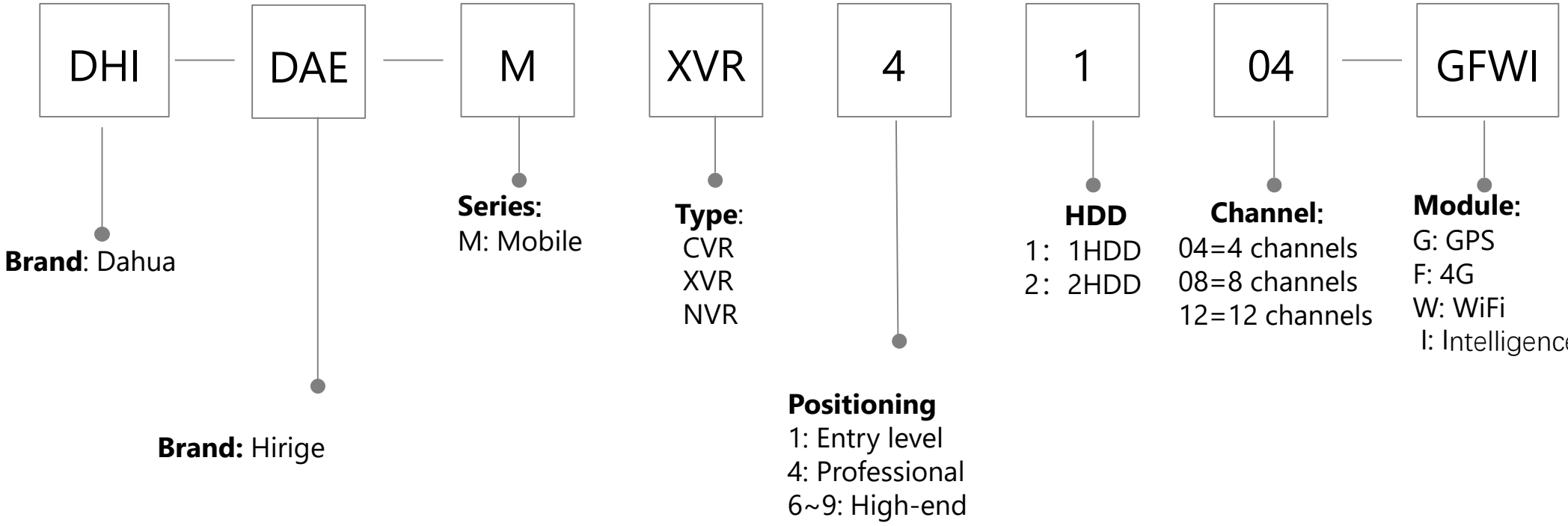
Feature:
-VF: Manual vari-focal
-Z: Motorized vari-focal
-H: With built-in heater
-T: With SDI output
-A: Built-in mic
-DP: Dual-power (AC24V/DC12V)
-POC: Power over coax
-LED: White light
-DIP: Dip switch
-VP: Vandal proof
-TH: Temperature & Humidity
-IL：Smart Dual Illuminators
-W: Wireless
-IRE6: IR 60m
-PIR: PIR Camera
-L: White Light
-S: Siren
-LS: White Light & Siren
-PV: TiOC Camera

HDCVI Cooper Series (Camera & Recorder)

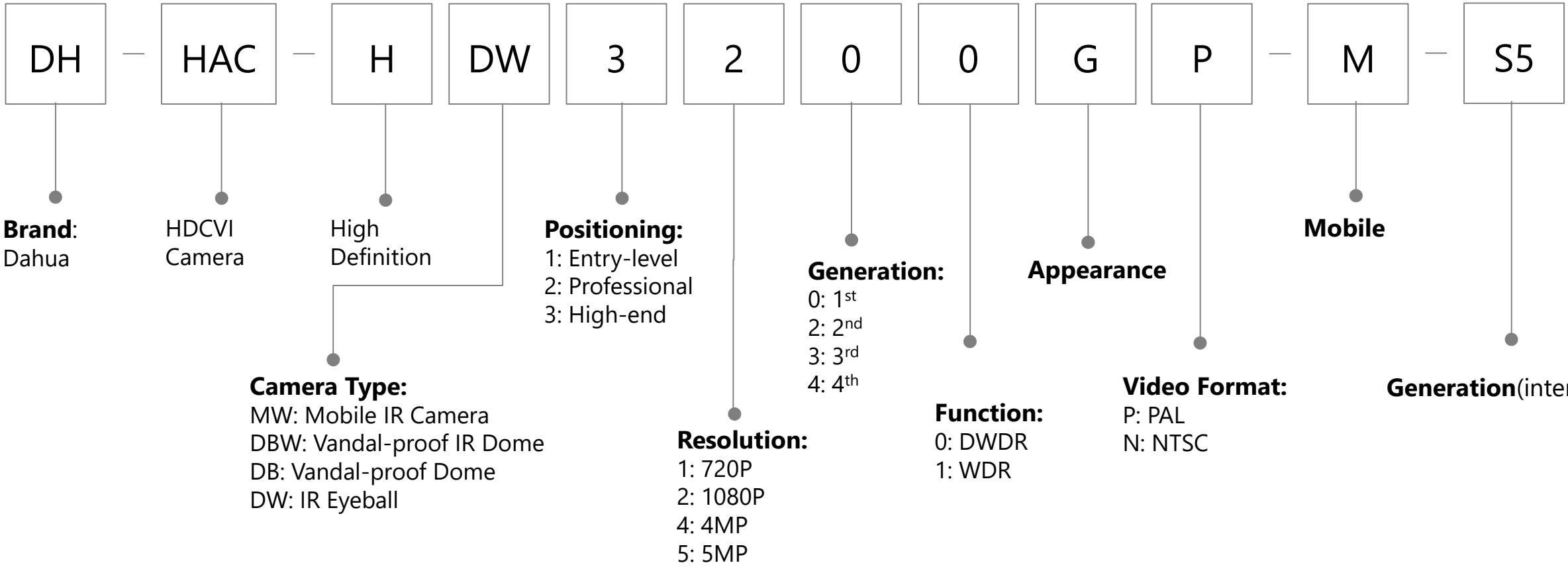




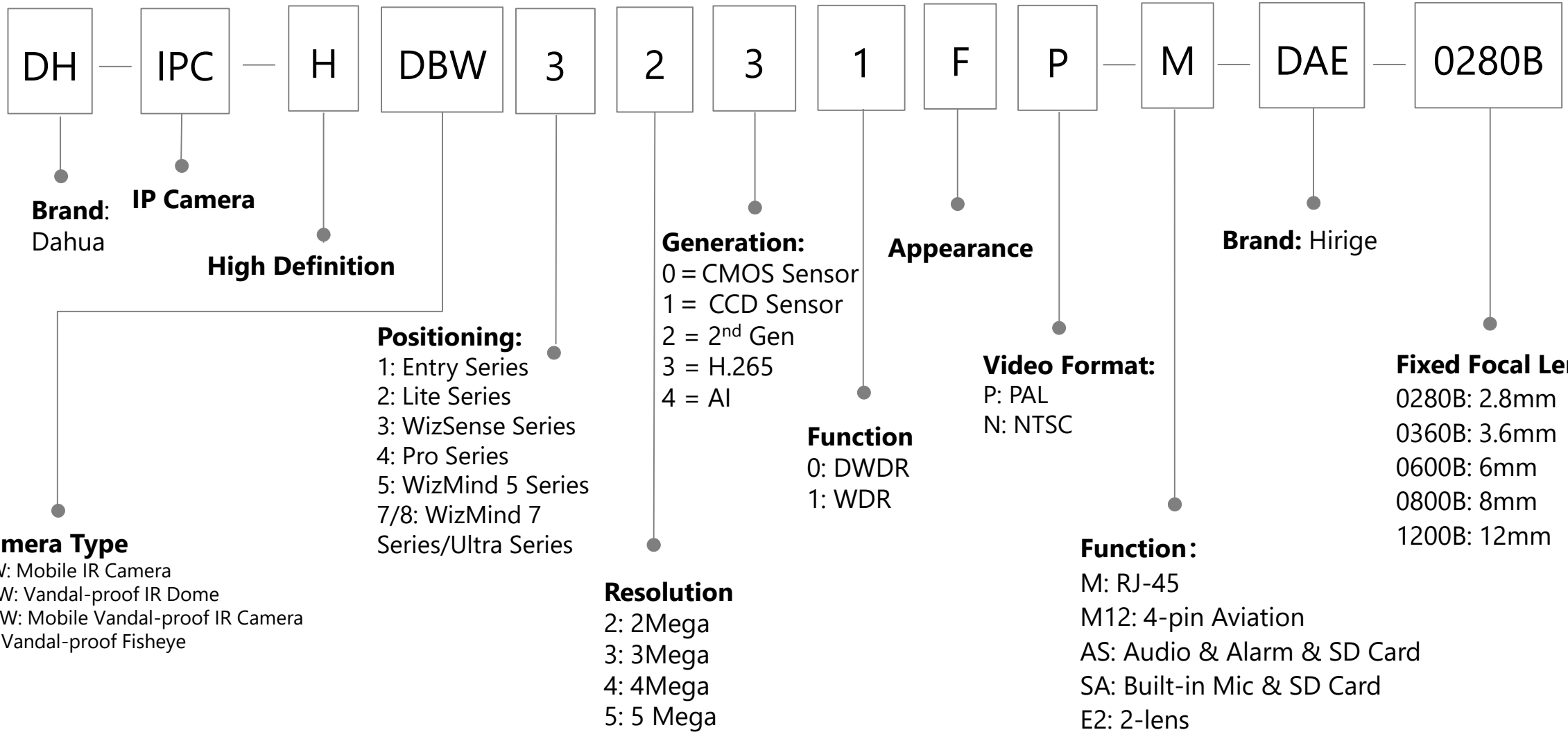
Mobile DVR/NVR



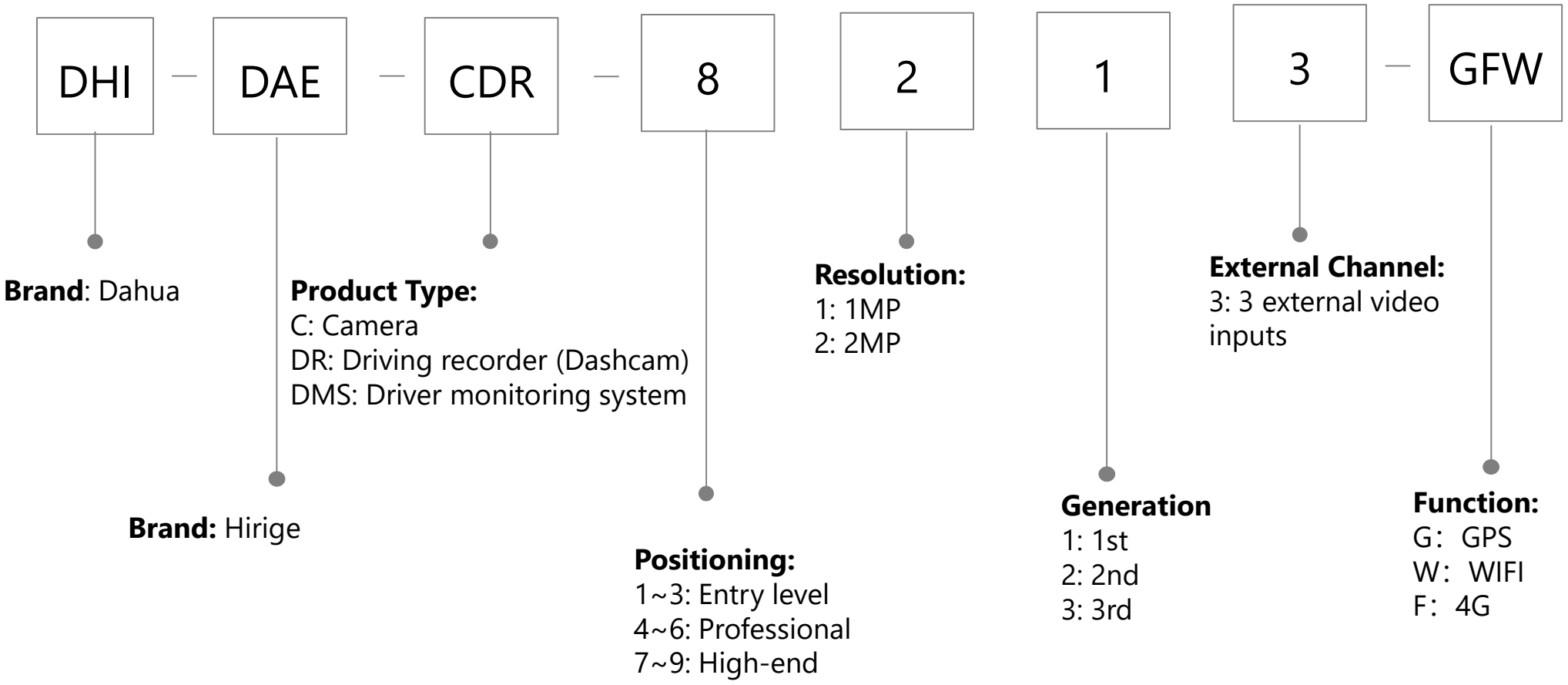
Mobile HDCVI Camera



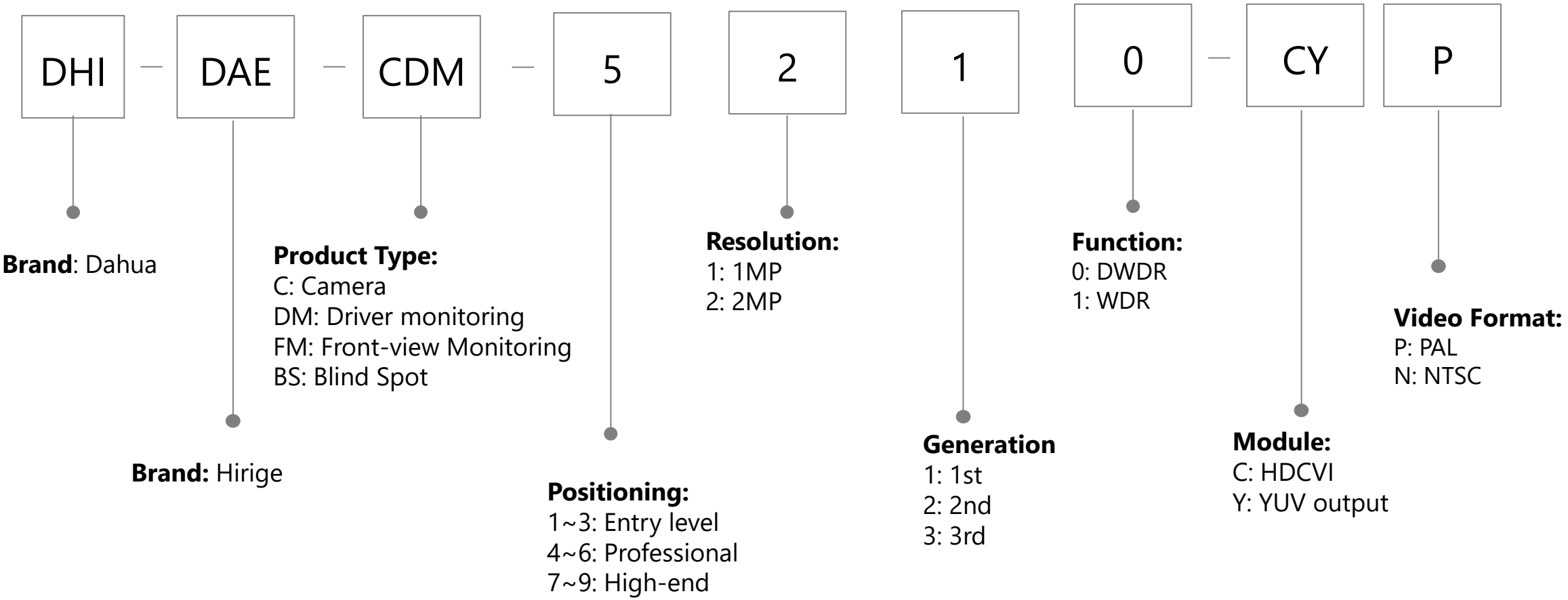
Mobile IPC


DH
IPC
H
DBW
3
2
3
1
F
P
M
DAE
0280B
Brand: Dahua
IP Camera
High Definition
Camera Type
MW: Mobile IR Camera
DBW: Vandal-proof IR Dome
MBW: Mobile Vandal-proof IR Camera
EB: Vandal-proof Fisheye
Positioning:
1: Entry Series
2: Lite Series
3: WizSense Series
4: Pro Series
5: WizMind 5 Series
7/8: WizMind 7 Series/Ultra Series
Resolution
2: 2Mega
3: 3Mega
4: 4Mega
5: 5 Mega
Generation:
0 = CMOS Sensor
1 = CCD Sensor
2 = 2nd Gen
3 = H.265
4 = AI
Function
0: DWDR
1: WDR
Appearance
Video Format:
P: PAL
N: NTSC
Function:
M: RJ-45
M12: 4-pin Aviation
AS: Audio & Alarm & SD Card
SA: Built-in Mic & SD Card
E2: 2-lens
Brand: Hirige
Fixed Focal Length
0280B: 2.8mm
0360B: 3.6mm
0600B: 6mm
0800B: 8mm
1200B: 12mm

Mobile Active Safety Camera （1/2）



Mobile Active Safety Camera (2/2)



Network Camera(1/2)

Brand:
Dahua

IPC: Network

Camera Type
HF: Box Camera
HFW: IR Bullet
HDP: Plastic Dome
HDPW: Plastic IR Dome
HDW: IR Eyeball
HD: Dome
HDB: Vandal-proof Dome
HDBW: Vandal-proof IR Dome
HFS: All-in-one(Box + Housing)
HUM: Pin-hole
E: Fisheye
EB: Vandal-proof Fisheye
EW: IR Fisheye
EBW: Vandal-proof IR Fisheye
MBW: Mobile Vandal-proof IR Camera
MDW: Mobile IR Eyeball
MF: Multi-smart
MFW: Multi-smart IR
HDEW: Ⅱ Explosion-proof IR Dome
EBE： Explosion-proof fisheye

Platform
1: Entry Series
2: Lite Series/WizSense 2 Series
3: WizSense 3 Series
4: Pro Series
5: WizMind 5 Series
7/8: WizMind 7 Series/Ultra Series
8: WizMind Multi-Sensor Panoramic Series /WizMind Fisheye Series/WizMind Dual-Lens Series/WizMind Corner Series

Resolution
32:32Mega
16:16Mega
12:12Mega
8: 8 Mega
6: 6 Mega
5: 5 Mega
3: 3Mega
2: 2Mega
1: 1.3Mega
0:1Mega

Generation:
0 = CMOS Sensor
1 = CCD Sensor
2 = 2nd Gen
3 = H.265
4 = AI

Function
0: Standard
1: WDR/Starlight
2: Starlight+
3: Polar light
9: Full-color

Network Camera(2/2)

Appearance
B: Single IR LEDs IR Bullet
C: IR Bullet/Mini Dome
D: Double IR LEDs IR Bullet
E: IR-Bullet / Dome / Single IR LEDs Plastic Eyeball
EM: Single IR LEDs Metal Eyeball
F: Dome / Box Camera / Four IR LEDs IR Bullet
G: Indoor Dome
H: VF Bullet(with junction box) / Dome(with junction box) / Eyeball
K: IR Bullet
M: S-model Metal Eyeball/ Long IR Bullet
R: Metal Vandal-proof IR Dome / Metal Bullet/Metal Eyeball
R1: R1 Dome
S: Plastic IR Eyeball / Mini IR Bullet
S1: S1 IR Eyeball
T: IR Bullet / IR Eyeball
T1: T1 IR Bullet
TM: Metal IR Eyeball
X: Dual-Lens Camera
DS1： Non-PoE S1 Bullet
DV： Non-PoE Eyeball
DG： Non-PoE G Bullet
DF： Non-PoE F Bullet
DK1: Non-PoE K1 Bullet

Video format
P: PAL
N: NTSC
(Cancellation of P/N mark for external models of products released after 2021)

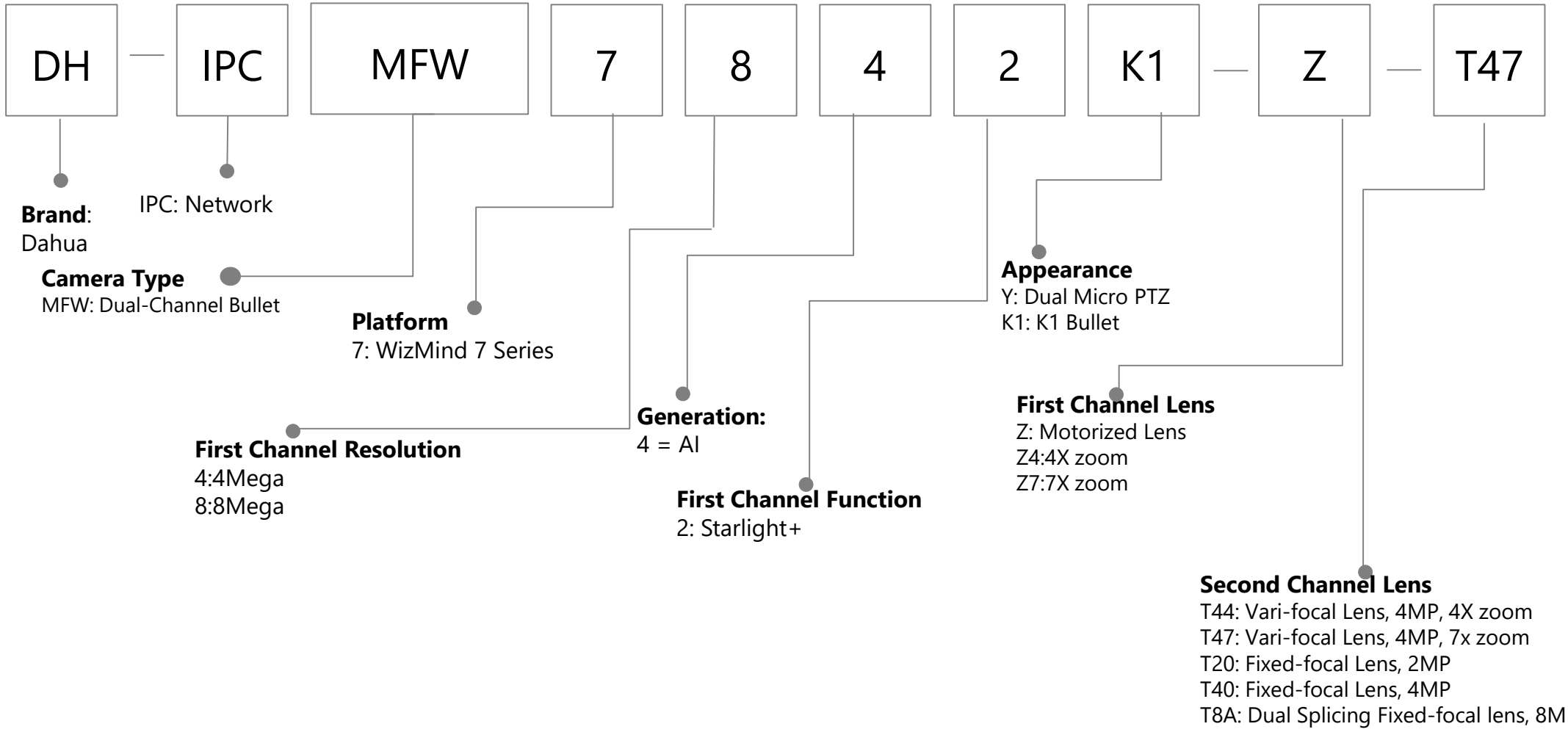
Common function:
BV: Behaviors
W: WIFI
AW: Audio/Alarm/SD WIFI Camera
E: E PoE
M/M12: Mobile
F: Fiber interface
H: Heater
A: Built-in MIC(only for Entry Series)
A2: Dual Audio
PT: pan &Tilt
ATC: Anti-Corrosion
S: SD card
AS: Audio & Alarm & SD Card
VF: Vari-focal
SL: Stainless
ST: SD Card & Built-in Mic & Speaker
Z: Motorized lens
Ix: IR numbers
NI: Full color, non IR
LED: White light illumination
Z4/5/12: 4/5/12X zoom
L1/L2/L3/L4/L5: Lens
IRA: Bullet
IRE6: IR Bullet
MF: More Frame
SFC: Separated Front Cover

4G: 4G
SVAC: SVAC encoder
NF: Optical port + Network port
N2: dual Network port
SDI: SDI Interface
A2: Dual Audio
WG: WiFi & GPS
I:Car bayonet
PC: People Counting
FD: Face Detection
FR: Face Recognition
ME: Mobile dome
UWB: Position
WGS:
DAQ: data collection
U:USB
DT: Subway
HT: Aerospace
JM: Encryption
D2: Dual sensor
IL: IR and LED
P: Wide Angle
SP: Solar Panel

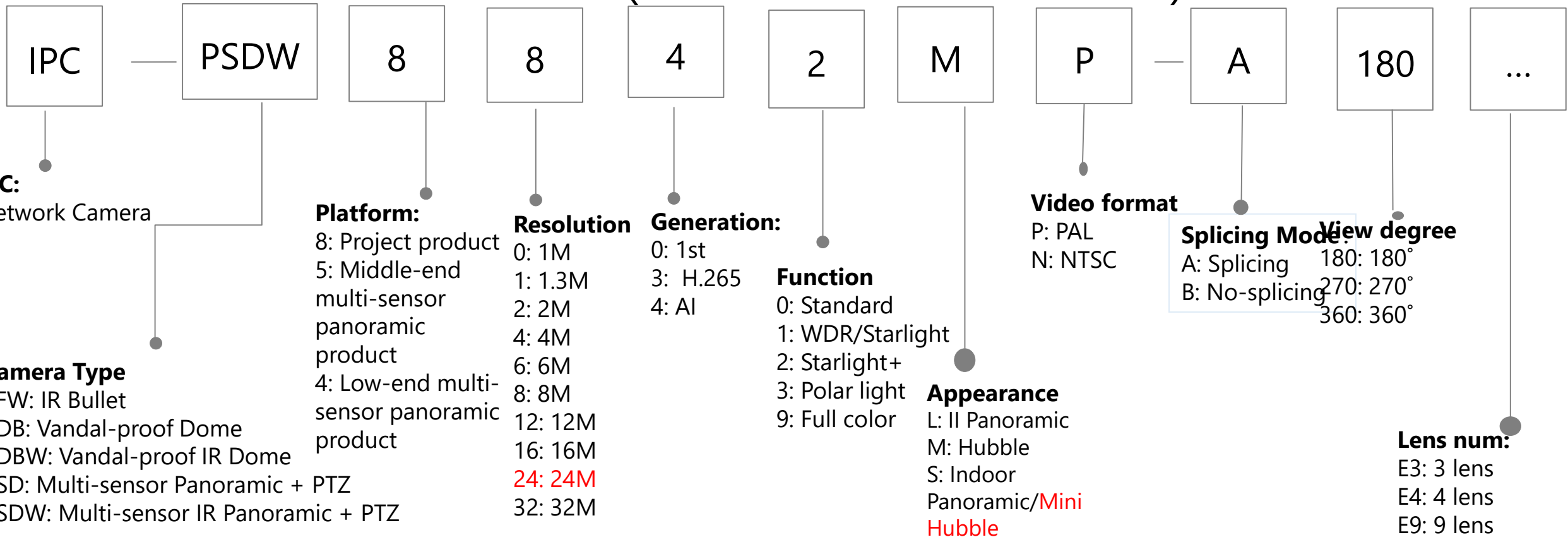
3D: 3 Dimensional
LI: Dual Light Fusion
PV: Perimeter Vigilance
VM12/HM12: Vertical /Horizontal Installation Mobile Camera
5G:5G
VH： ANPR special model
ATC: Anti-corrosion coating
PD： Parking space status detection

S2： Second generation
Sn： Nth generation

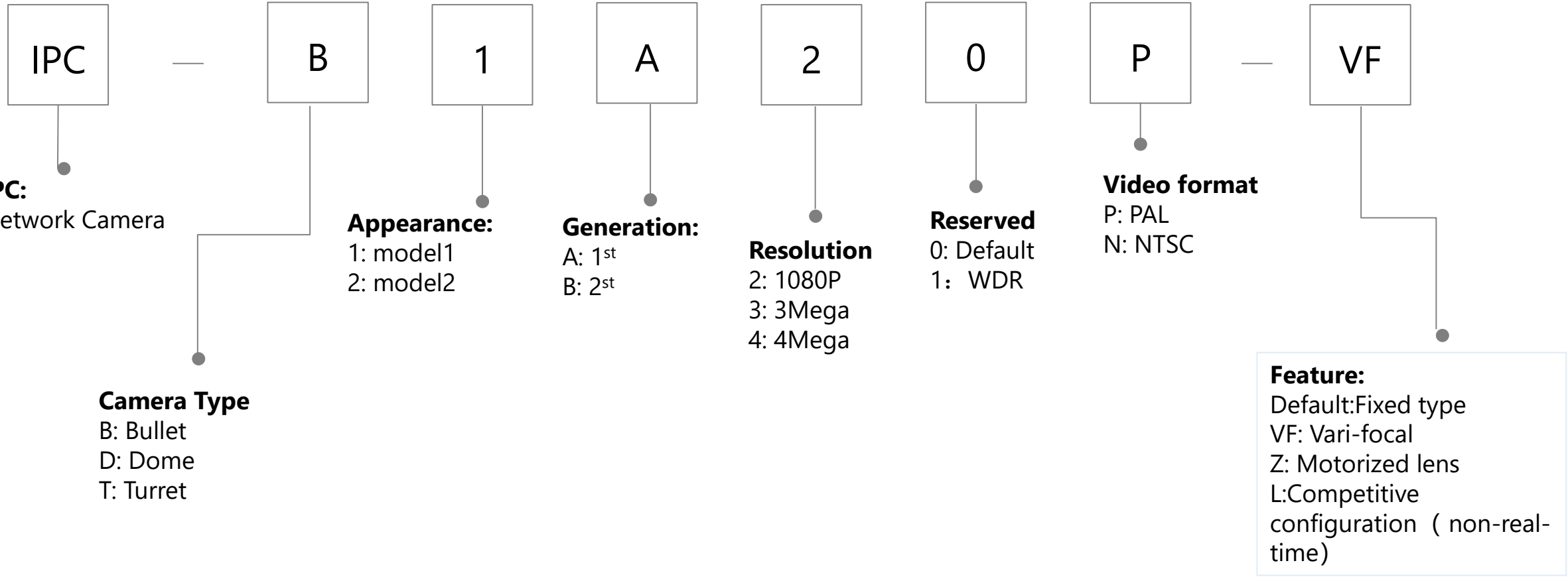
Network Camera(Dual-Channel Series)



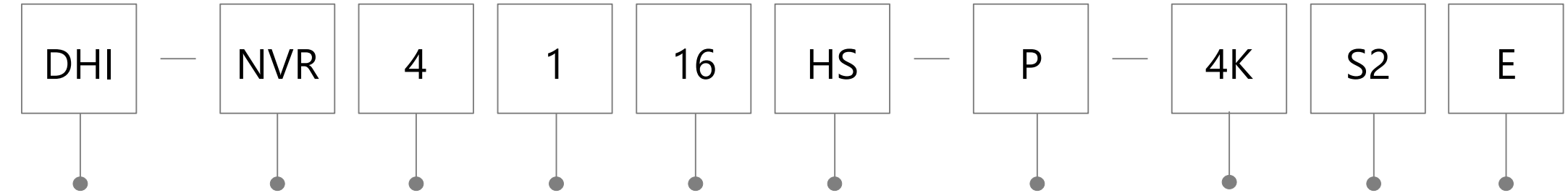
Network Camera (Panoramic Series)



Network Camera (EZ-IP Series)



General NVR Naming Rule



Brand: Dahua

Network
Video Record

Solution

HDD
1: 1HDD
2: 2HDD
4: 4HDD
8: 8HDD
0: 16HDD

Channel
04: 4CH
08: 8CH
16: 16CH
32: 32CH
64: 64CH

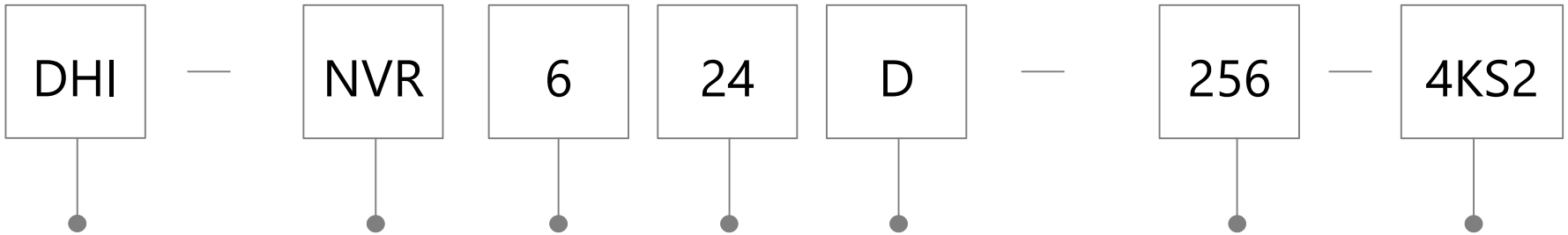
Case
HS: Compact 1U

Function
P: PoE
W: WiFi

Resolution

Generation
S2: Gen 2
S3: Gen 3

Feature
E: ePoE
/L: Lite Version
/I: AI Version



Brand: Dahua

Network
Video Record

Solution

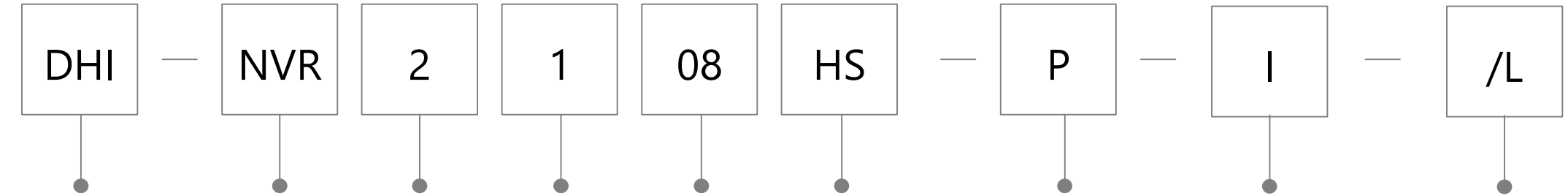
HDD
08: 8 HDD
16: 16HDD
24: 24HDD

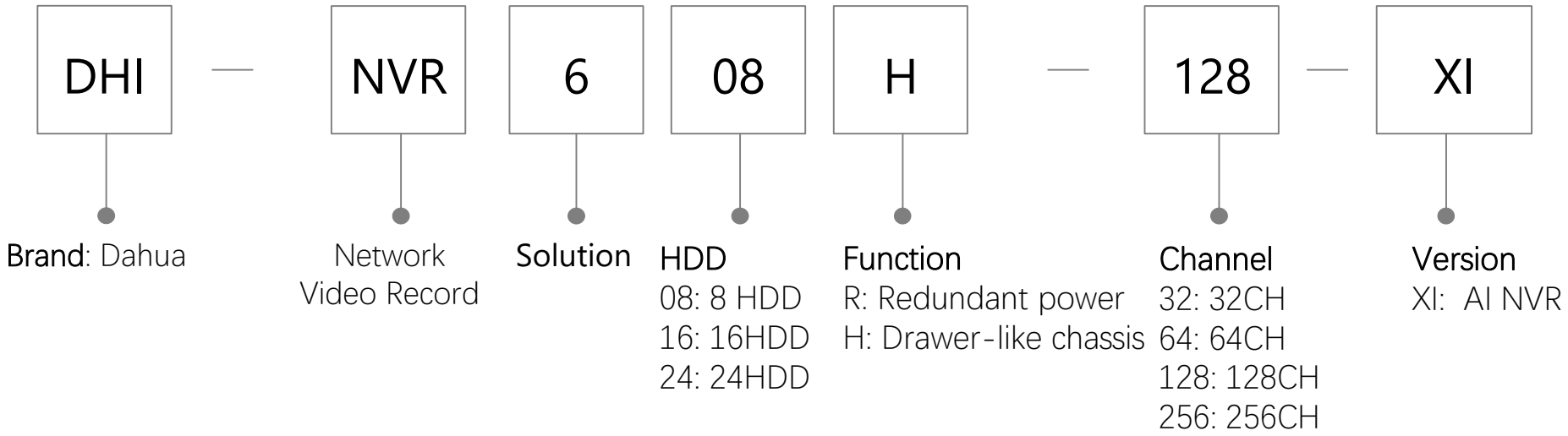
Function
D: LCD screen
R: Redundant power

Channel
64: 64CH
128: 128CH
256: 256CH

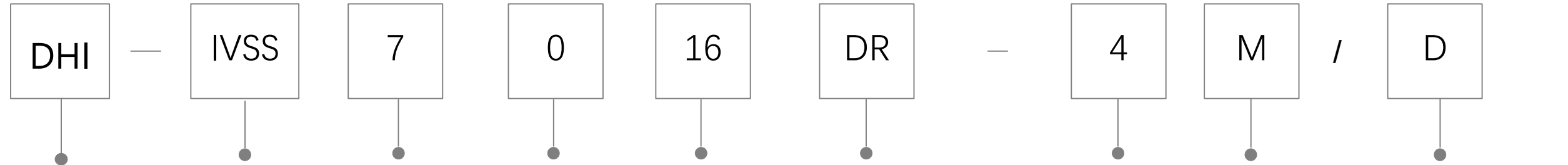
Version
4KS2: Gen2 of 4K Resolution

AI NVR Naming Rule

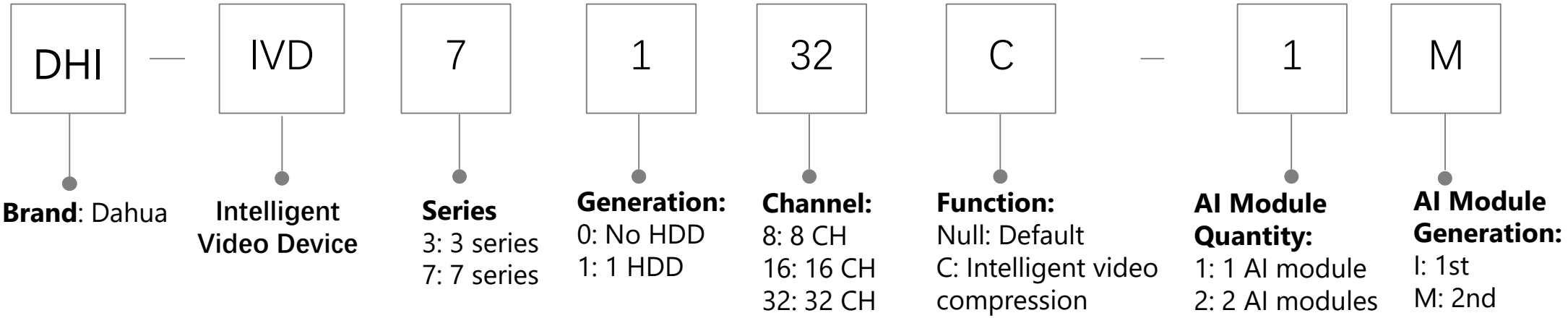




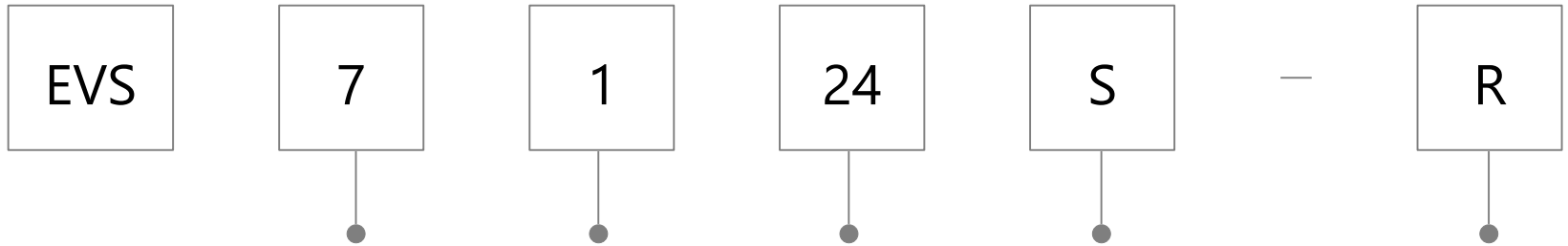
IVSS


DHI
IVSS
7
0
16
DR
4
M
D
Brand: Dahua
Intelligent Video Surveillance Server
Series
Generation:
0: 1st
1: 2nd
HDD Bay:
08: 8 HDDs
12:12 HDDs
16: 16HDDs
24: 24HDDs
Function:
R: Redundant power
D: LCD screen
C: Intelligent video compression
Null: Default
AI Module Quantity:
1: 1 AI module
2: 2 AI modules
4: 4 AI modules
8: 8 AI modules
16: 16 AI modules
AI Module Generation:
T: 1st
I: 2nd
M: 3rd
Industrial Model:
D: Government Industry with Dahua Cybercity VMS

IVD


DHI
IVD
7
1
32
C
1
M
Brand: Dahua
Intelligent Video Device
Series
3: 3 series
7: 7 series
Generation:
0: No HDD
1: 1 HDD
Channel:
8: 8 CH
16: 16 CH
32: 32 CH
Function:
Null: Default
C: Intelligent video compression
AI Module Quantity:
1: 1 AI module
2: 2 AI modules
AI Module Generation:
I: 1st
M: 2nd

EVS



Series:
5
7
8

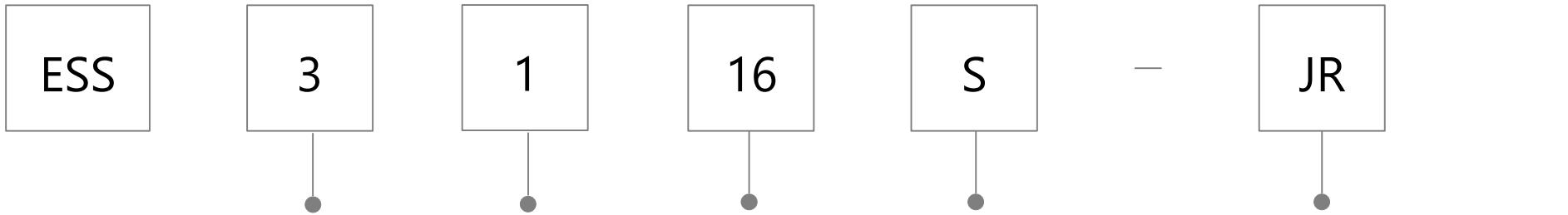
Generation:
0: 1st
1: 2nd
2: 3rd

HDD Bay:
16: 16HDDs
24: 24HDDs
36: 36HDDs
48: 48HDDs
85: 85HDDs

Function:
S: Single controller
D: Dual controller
X: Dual CPU

Power:
R: Redundant power (Only for EVS50/70 series)
I: AI module

ESS



Series:
3

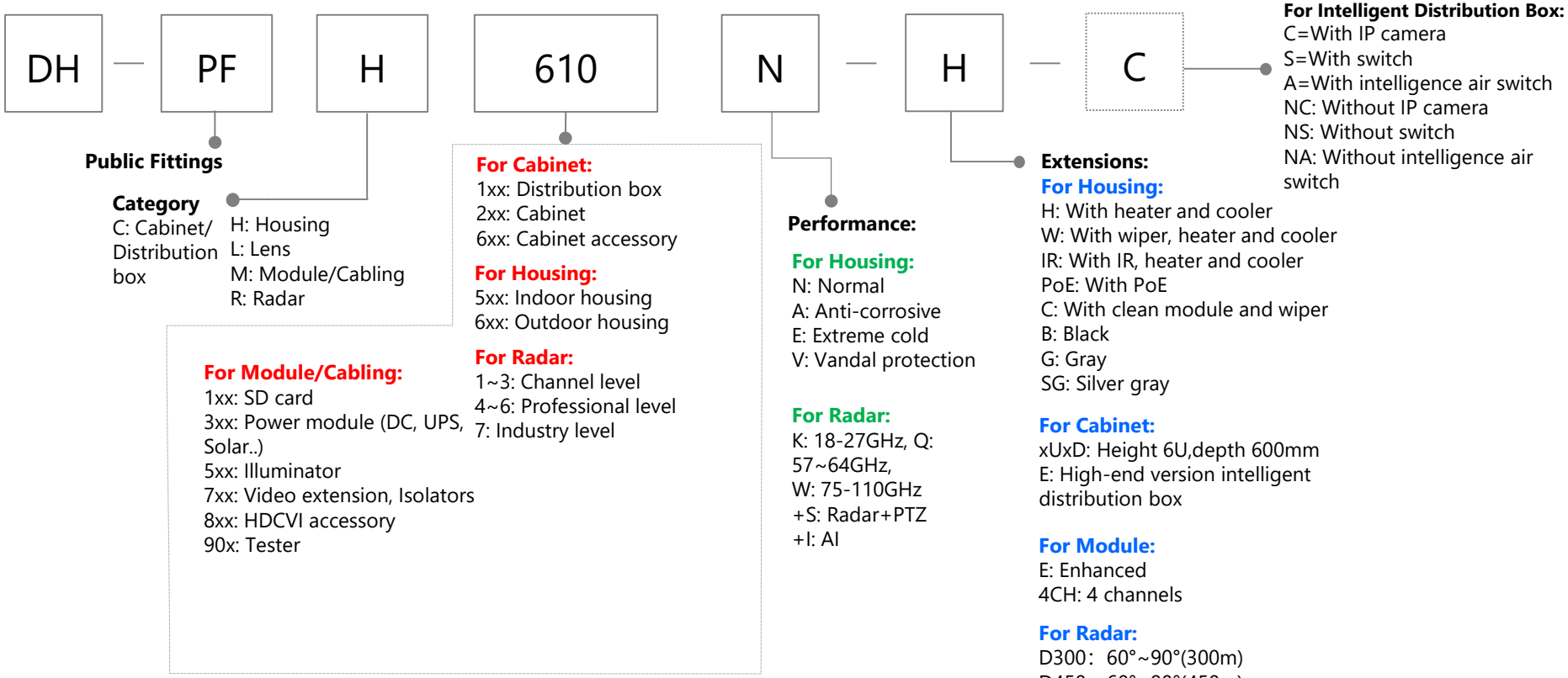
Generation:
0:1st
1:2nd

HDD:
16: 16HDDs
24: 24HDDs

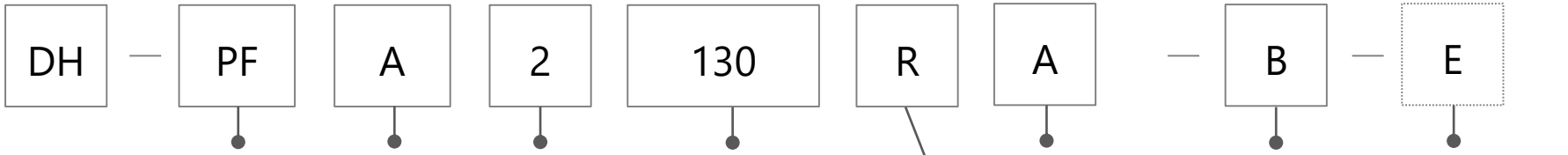
Function:
S: Single controller
D: Dual controller

Function:
J: Jbod
R: Redundant Power

Accessory


DH
PF
H
610
N
H
C
Public Fittings
Category
C: Cabinet/ Distribution box
H: Housing
L: Lens
M: Module/Cabling
R: Radar
For Module/Cabling:
1xx: SD card
3xx: Power module (DC, UPS, Solar..)
5xx: Illuminator
7xx: Video extension, Isolators
8xx: HDCVI accessory
90x: Tester
For Cabinet:
1xx: Distribution box
2xx: Cabinet
6xx: Cabinet accessory
For Housing:
5xx: Indoor housing
6xx: Outdoor housing
For Radar:
1~3: Channel level
4~6: Professional level
7: Industry level
Performance:
For Housing:
N: Normal
A: Anti-corrosive
E: Extreme cold
V: Vandal protection
For Radar:
K: 18-27GHz, Q: 57~64GHz,
W: 75-110GHz
+S: Radar+PTZ
+I: AI
Extensions:
For Housing:
H: With heater and cooler
W: With wiper, heater and cooler
IR: With IR, heater and cooler
PoE: With PoE
C: With clean module and wiper
B: Black
G: Gray
SG: Silver gray
For Cabinet:
xUxD: Height 6U,depth 600mm
E: High-end version intelligent distribution box
For Module:
E: Enhanced
4CH: 4 channels
For Radar:
D300：60°~90°(300m)
D450：60°~90°(450m)
E120：90°~120°(120m)
E60：90°~120°(60m)
E50：90°~120°(50m)
B240：20°（240m）
Extensions:
For Cabinet:
For Intelligent Distribution Box:
C=With IP camera
S=With switch
A=With intelligence air switch
NC: Without IP camera
NS: Without switch
NA: Without intelligence air switch

Accessory-Camera mount



Public Fittings

Category
A: Adapter/ junction box
B: Bracket

Series
1-4: Distribution
5-9: Project

Specification
Old:
For Adapter:
10x: Plate adapter
11x: PTZ adapter
For Junction box:
12x: junction box
13x: Round junction box
14x: Power box
For Adapter bracket:
15x: Pole mount/corner mount
16x: Cardan
17x: Electric bracket
2xx: Dome camera sunshade
7xx: Other adapter

New:
For Adapter :
20x-23x: Plate adapter
24x-25x: PTZ Adapter
26x: Other adapter
For Junction box:
30x-32x: Bullet junction box
33x-34x: Dome/eyeball junction box
35x: PTZ junction box
36x: Other junction box
4xx: Power box
For bracket adapter
50x-53x: Pole mount bracket
54x: PTZ pole mount bracket
55x: other pole mount bracket
57x: Corner mount bracket
6xx: .....
7xx: Other adapter

For Bracket:
1xx: Bullet camera bracket
2xx: Dome camera bracket
3xx: PTZ camera bracket
4xx: Linkage bracket
5xx: Radar bracket
6xx: Housing bracket
7xx: Other adapter

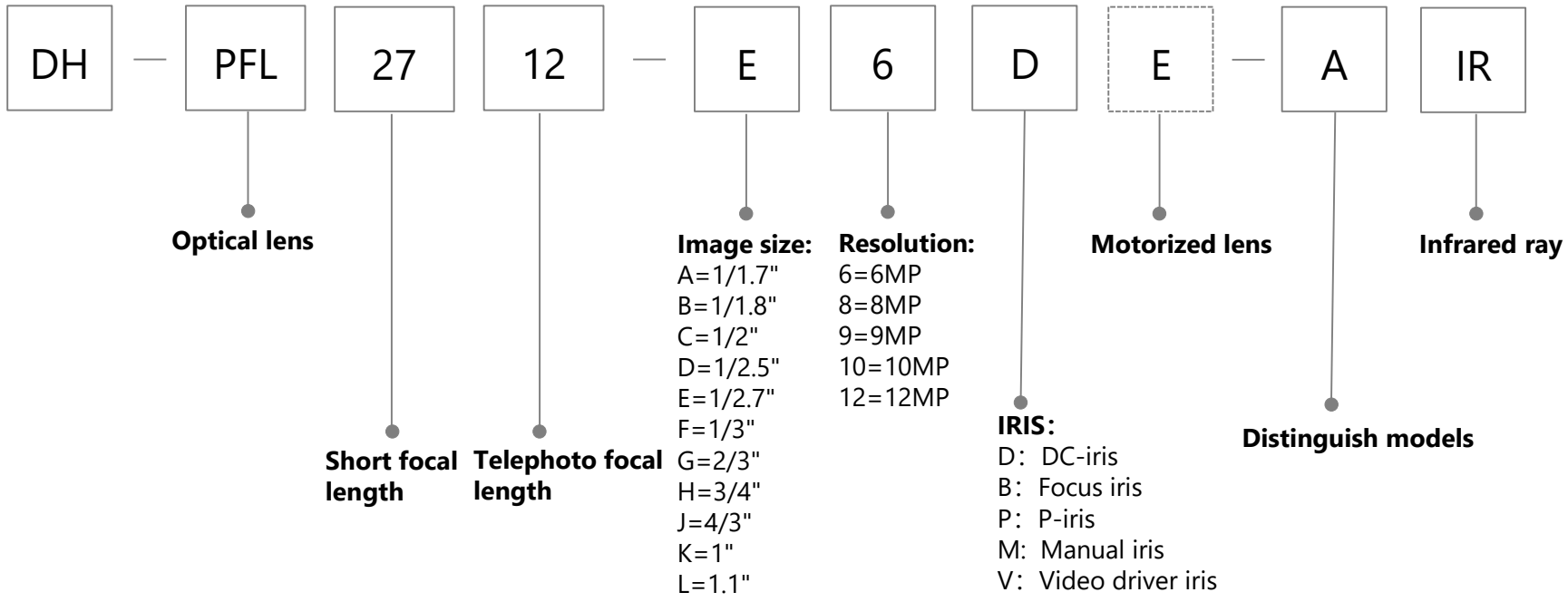
Performance:
For Junction box:
R: Round
S: Square
D: Deformity
For Bracket:
W: Wall mount
C: Ceiling mount
S: Swan neck

Performance:
For Adapter/ Bracket:
A: Anti-corrosive

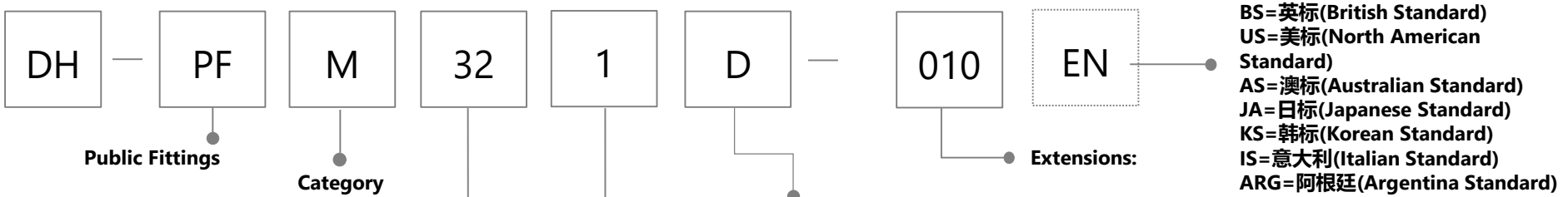
Extensions1:
N/A=White
B=Black
G=Gray
SG=Silver gray

Extensions2:
E: Enhanced

Accessory-Lens



Accessory-power



Public Fittings

Category
M: Module

For Power series
30: special appearance
31：AC power adapter
32：DC power adapter
33：POE power adapter
34：Distribution power
35：UPS
36/37：Solar power
39：Power Strip

Performance:
For power adapter&Distribution power:
0: DC12V
1: DC24V
2: DC36V
3: DC48V

For UPS
0: Line-interactive

For power strip
2: 2-outlet
3: 3-outlet
6: 6-outlet
8: 8-outlet

For solar power
1: Solar Single Crystal Panel
2: Storage Battery
4: Storage Battery Box
6: Solar Mount
7: Special Distribution Box

Performance:
For power adapter&Distribution power:
NA: wall-mounted
D: desk-top
S: Switching

For UPS
NA:
R: rock-mount

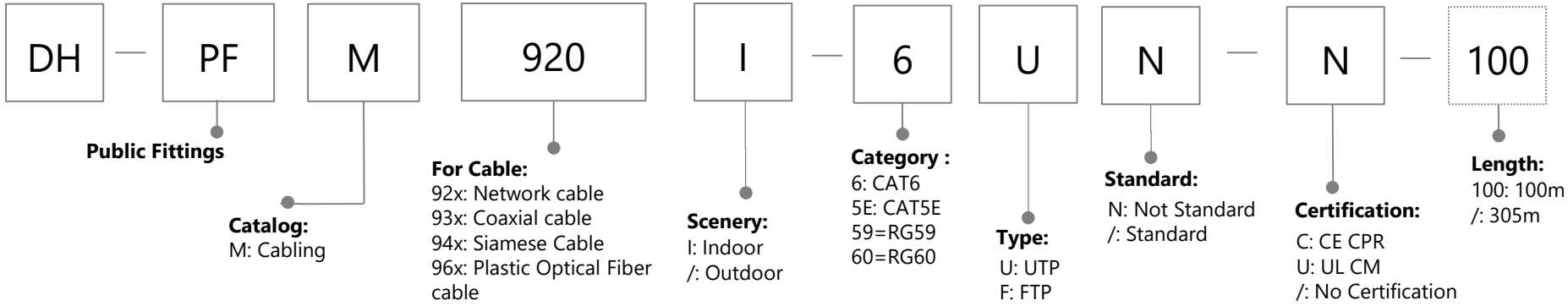
For power adapter&Distribution power:
007: 0.7A
010: 1A
015: 1.5A
020: 2A
030: 3A
xCH: x channels

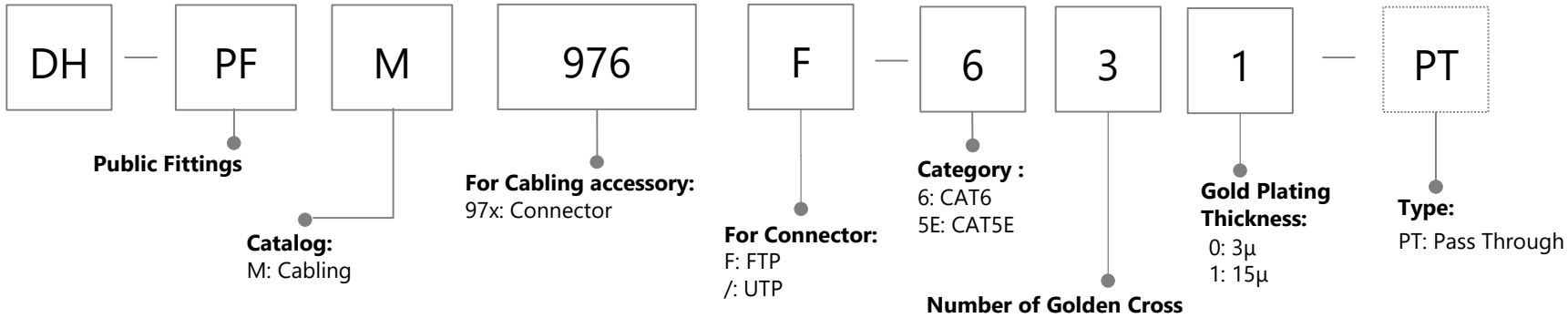
For UPS
360: 360W
900: 900W

Extensions:

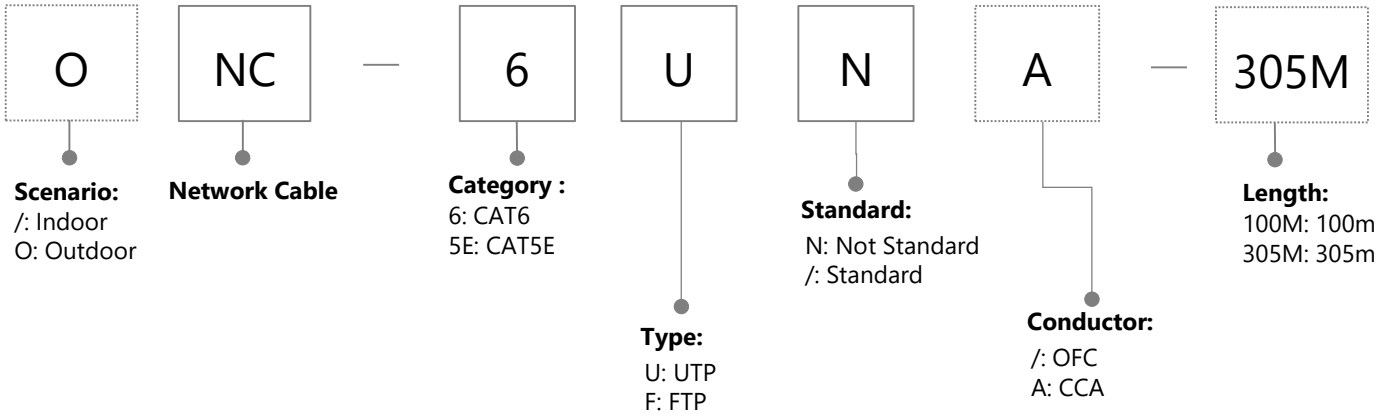
For power adapter&Distribution power:
缺省=中国(Chinese Standard)
EN=欧标(European Standard)
BS=英标(British Standard)
US=美标(North American Standard)
AS=澳标(Australian Standard)
JA=日标(Japanese Standard)
KS=韩标(Korean Standard)
IS=意大利(Italian Standard)
ARG=阿根廷(Argentina Standard)

Accessory-Cabling

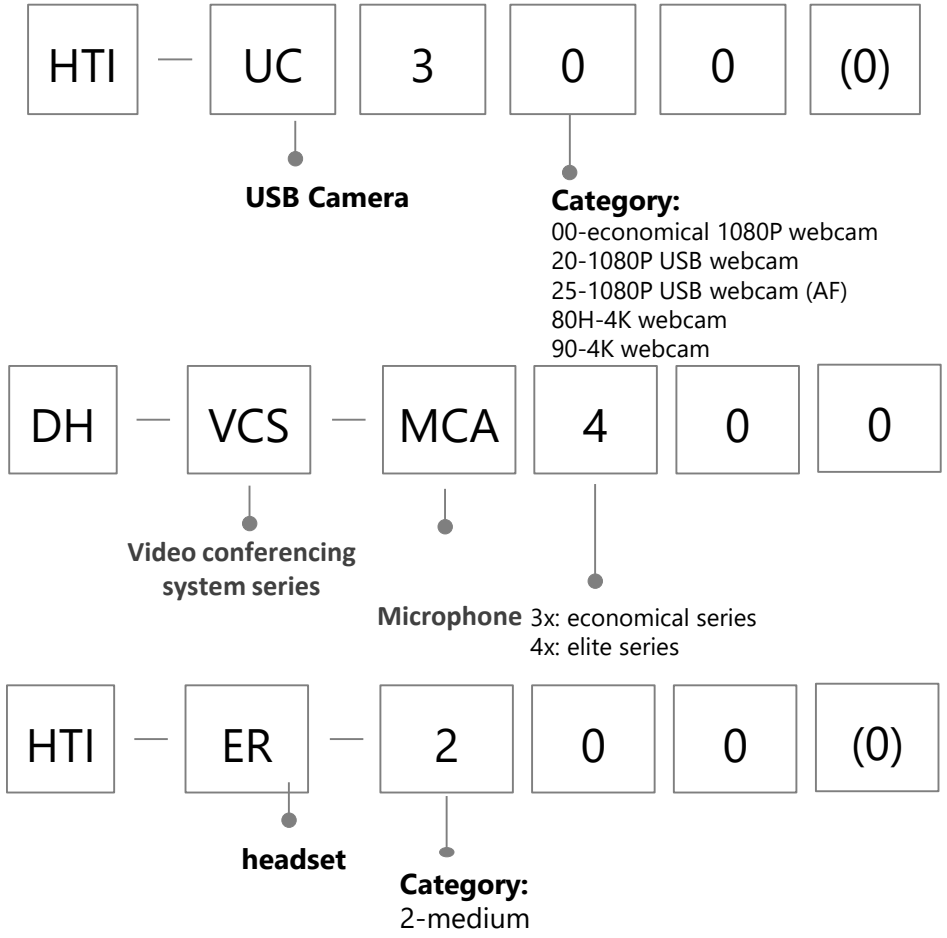


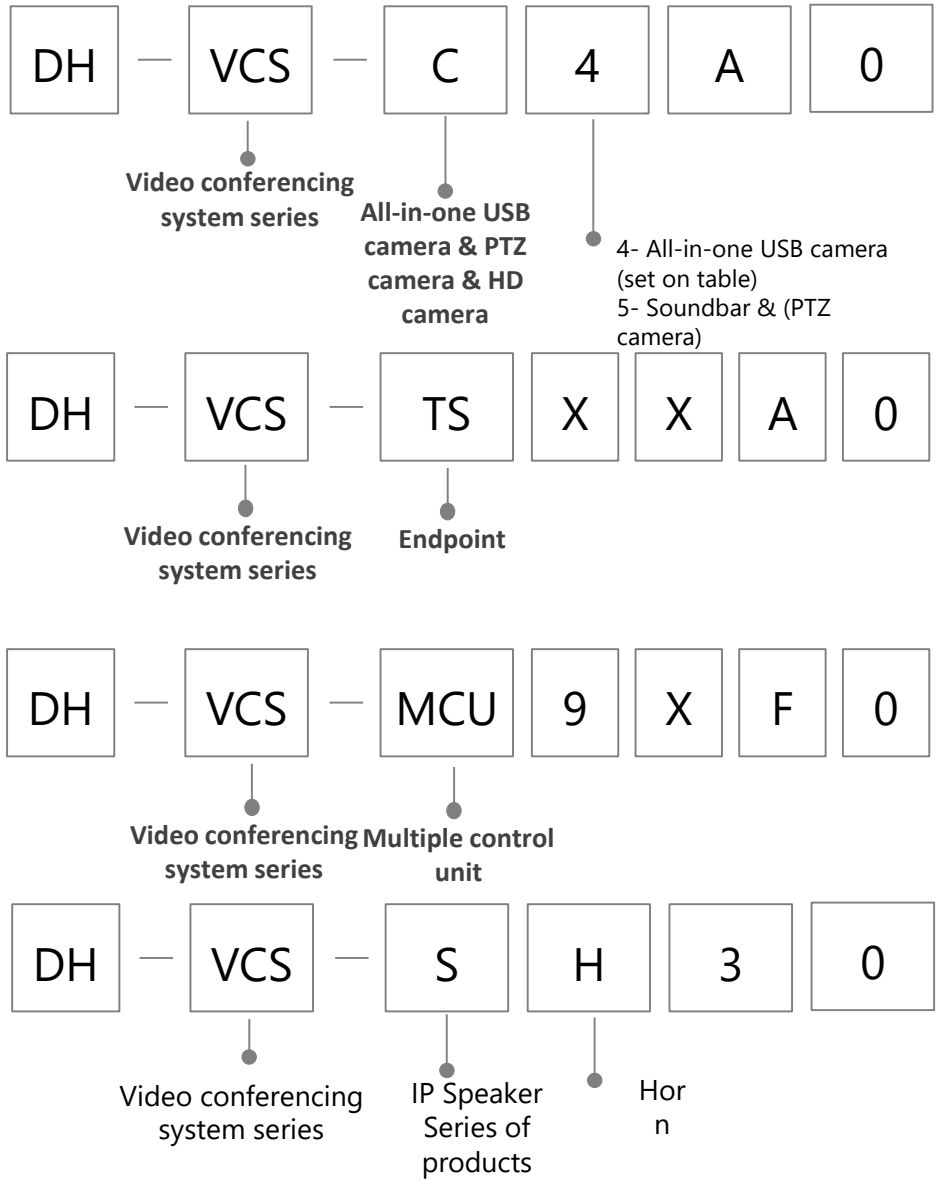


General Cabling-Network Cable

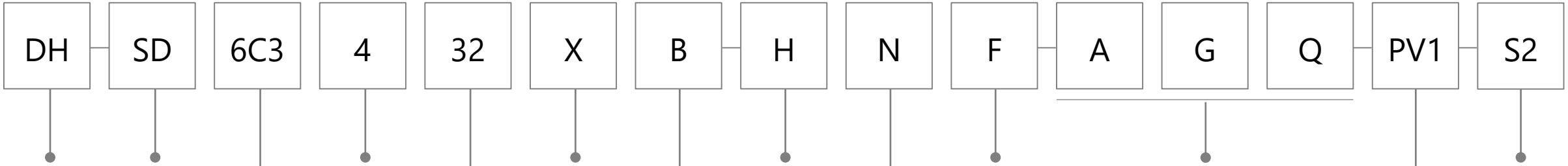


Video Conferencing





Speed Dome



Brand:
Dahua

Camera Type:
SD: Speed Dome

Resolution:
2: 2Mp
4: 4Mp
8: 4K

Platform:
F/P/Q: high end platform
G/D: mid end platform
H/T: low end platform

P/T Type:
H: High speed
G: General speed

AI Function:
P: Professional AI
F: Ultra AI
R: Pro AI
Y: Lite AI
I: Non AI
T: AI for Traffic

Ext1.
NA: Default
A : White light & IR illumination
B : White light illumination
IR: IR illumination(for SD6AL)
W: Wi-Fi
SL: Anti-Corrosion
Y: Anticorrosive coating
G: 4G
G5: 5G
Q: Low power consumption
F: Optical Fiber
H: GPS + G-sensor
M: Magnetic encoder
WP: Hydrological Monitoring

Ext2.
PV: Active deterrence with white light
PV1: Active deterrence with red & blue light

Ext3.
NA: Default
S2: Gen 2
S3: Gen 3
SP: Solar power

SD Appearance:
1A：1"Indoor IR
22/29：2"Indoor
2A: 2"Outdoor IR
3A: 3"Outdoor IR
42/ 42C: 4"Indoor
40：4"Outdoor
4A: 4" Indoor IR
49: 4"Outdoor IR
52：5"Indoor
50：5"Outdoor
5A/59: 5"Outdoor IR
60: 6"Outdoor
6CE/6C3：6"Outdoor IR
6AE/6AL：6"Outdoor IR
8A/8A3/8C：8'' Outdoor IR

Optical Zoom:
00：fixed lens
03: 3x
15: 15x
16: 16x
20: 20x
25: 25x
30: 30x
32: 32x
33: 33x
40: 40x
45: 45x
48: 48x
50: 50x
60: 60x

Sensor target:
A: 1.8" COMS
B/C: 2.8" COMS
D: Dual Sensor
G: 1.2'' CMOS
H: 2/3" CMOS

Interface:
N: Network
C: HD-CVI

PTZ/Explosion Series

PTZ: Positioning System
ECA: Explosion camera
Camera Type:

85 83 4M 1A
PTZ Appearance

7A 3A
ECA Appearance

H: High speed
G: General speed
P/T Type:

N: Network
C: HD-CVI
Interface:

F: Ultra AI
R: Pro AI
AI Function:

DH	SDT	8X	4	40	H / 4	N / Z	F / 5	Q	A	A	PV1	1050

Brand: Dahua

Camera Type:
SDT: Multi-sensor PTZ

SDT Appearance

5X

8C

8X

7C

PTZ Camera Feature

Resolution
2: 2Mp
4: 4Mp
5: 5Mp
8: 4K

Optical Zoom:
00: fixed lens
03: 3x
04: 4x
12: 12x
16: 16x
25: 25x
30: 30x
31: 31x
32: 32x
33: 33x
40: 40x
45: 45x
48: 48x
50: 50x
60: 60x

Panorama Camera Feature

Resolution
2: 2Mp
4: 4Mp
5: 5Mp
8: 4K

Lens Type
Z: Zoom
F: Fixed zoom

Optical Zoom:
4: 4x
5: 5x

Platform:
F/P/Q: high end platform
G/D: mid end platform
H/T: low end platform

PTZ Camera Sensor Size:
A: 1/1.8"
B: 1/2.8"
C: 1/2.8"
D: Dual-sensor
F: 4/3"
G: 1/1.2"
H: 2/3"
I: 1/2.9"

Ext1. (NA: Default)
A : White light & IR illumination
B : White light illumination
IR: IR illumination(for SD6AL)
W: Wi-Fi
SL: Anti-Corrosion
Y: Anticorrosive coating
G: 4G
G5: 5G
Q: Low power consumption
F: Optical Fiber
H: GPS + G-sensor
M: Automatic Recovery of Position
L: Laser
JG: Traffic

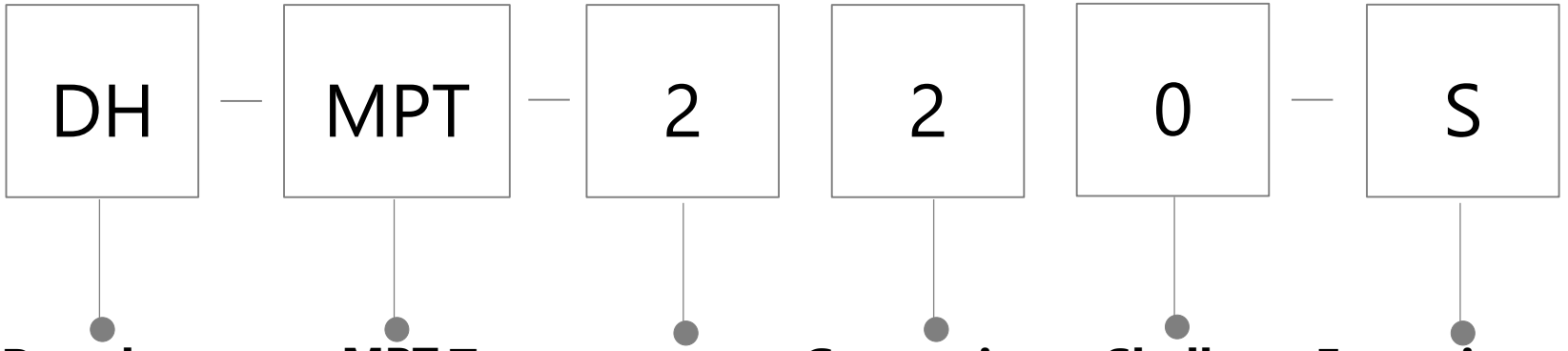
Ext 2. (NA: Default)
PV: Active deterrence with white light
PV1: Active deterrence with red & blue light

Fixed Zoom:
0118=1.18mm
0142=1.42mm
0185=1.85mm
0280=2.8mm
0360=3.6mm
0600=6mm
0800=8mm
1200=12mm
1600=16mm
2500=25mm

Optical Zoom:
2712=2.7-12mm
0722=7-22mm
4747=4.7-47mm
3711=3.7-11mm
27135=2.7-13.5mm
5364=5.3-64mm
0735=7-35mm

Multi-sensor Series

MPT



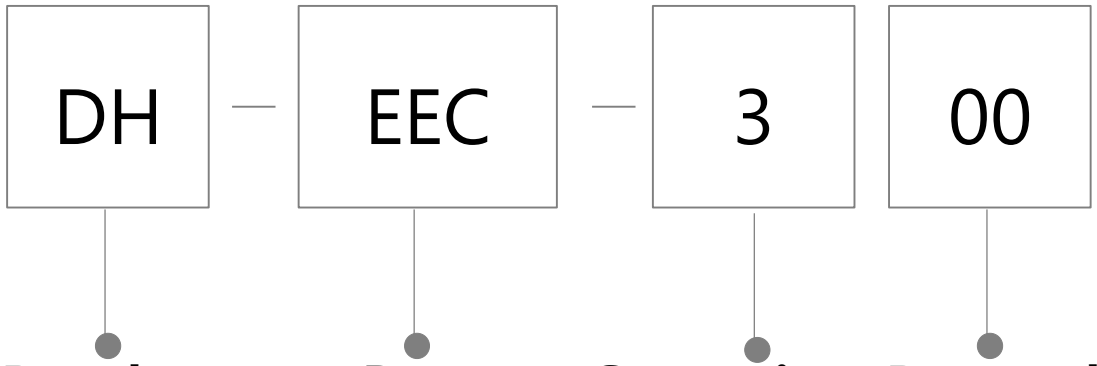
Brand:
Dahua

MPT Type:
1: Non-network
2: Body Camera
3: Portable Mobile Terminal

Generation:
1: 1st
2: 2nd

Shell:
0:
1:
…

Extension:
S: Super version, larger internal storage
SA: Standalone, don't support 4G network



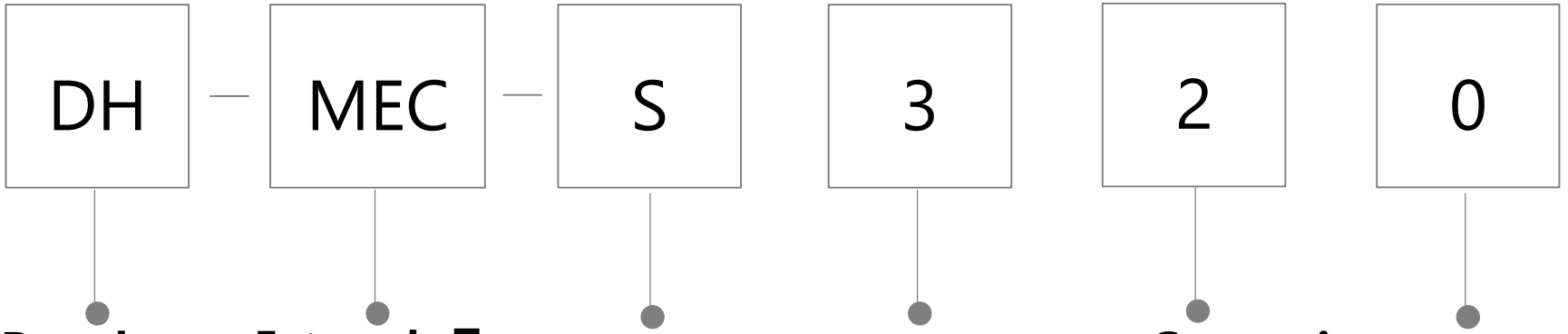
Brand:
Dahua

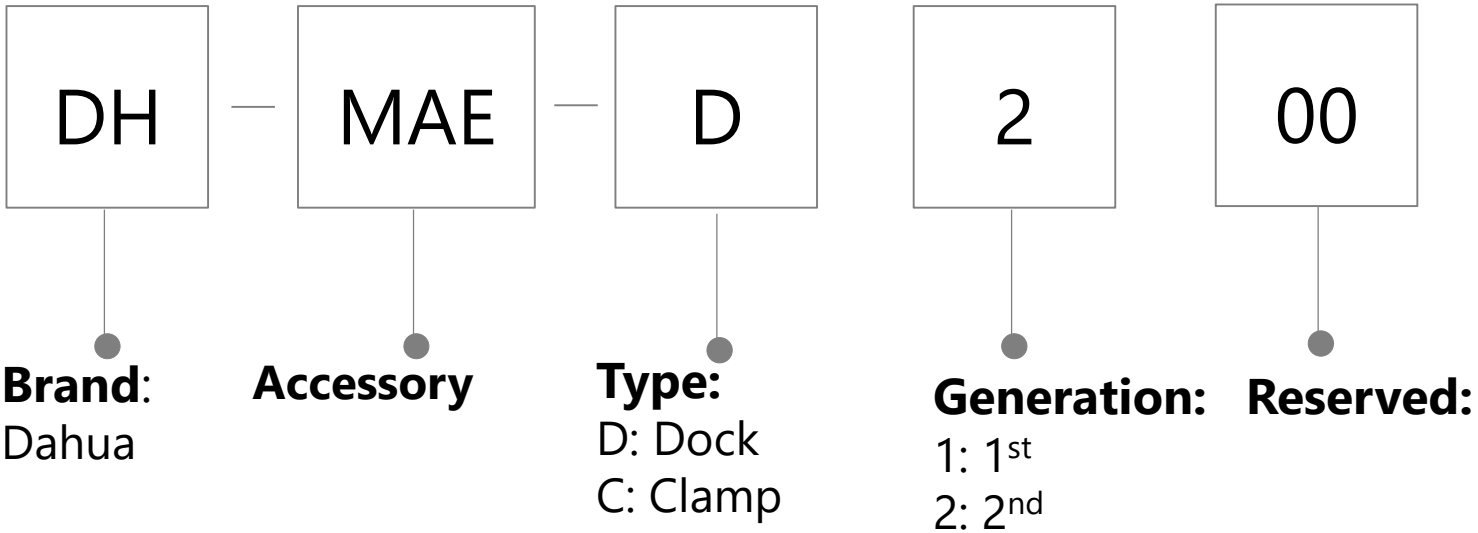
Data Collection Station

Generation:

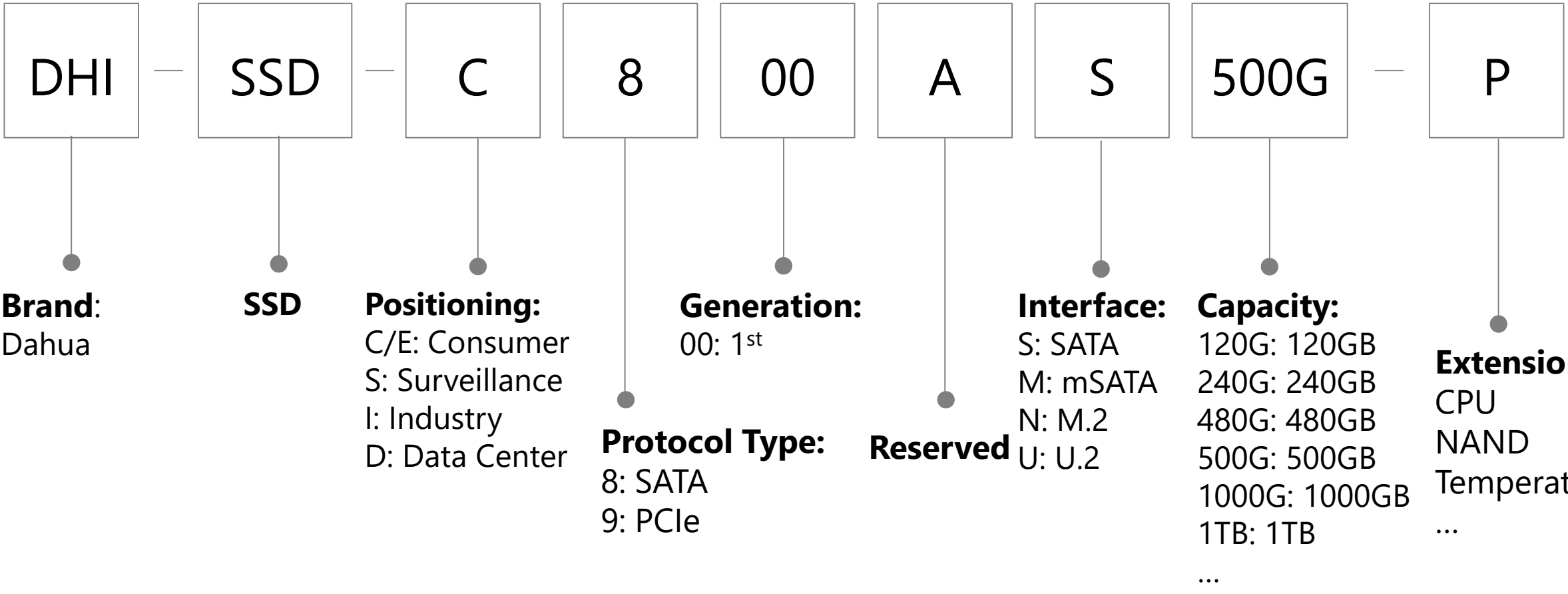
Reserved:

MPT

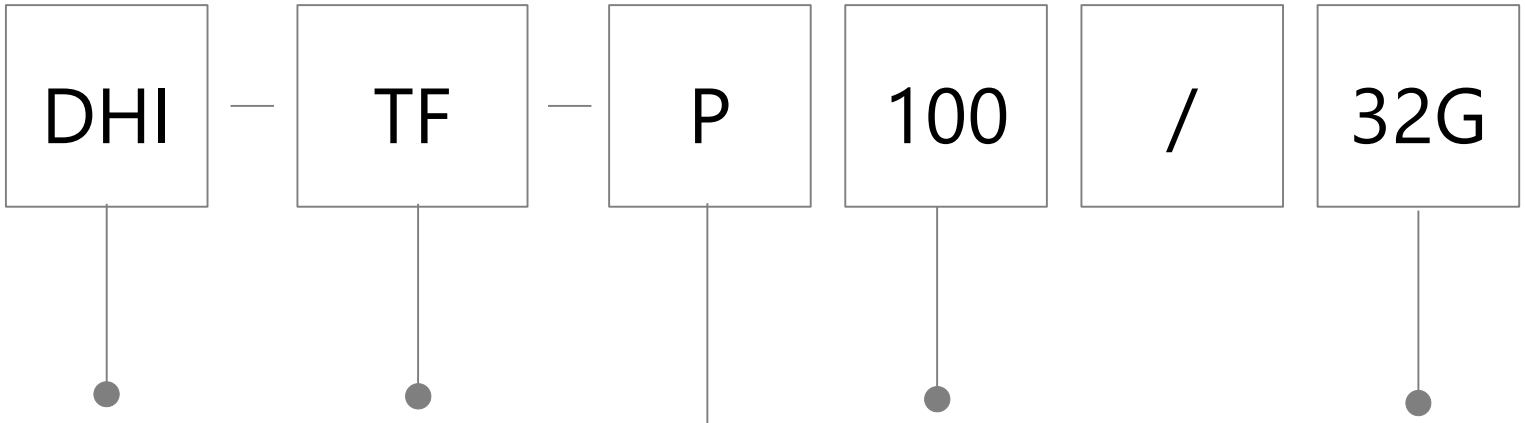

DH
MEC
S
3
2
0
Brand: Dahua
External Camera
Type: S: Shoulder camera W: Helmet camera
Host Type: 2: Body camera 3: 2nd
Generation: 1: 1st 2: 2nd
Reserved:


DH
MAE
D
2
00
Brand: Dahua
Accessory
Type: D: Dock C: Clamp
Generation: 1: 1st 2: 2nd
Reserved:

SSD


DHI
SSD
C
8
00
A
S
500G
P
Brand: Dahua
SSD
Positioning:
C/E: Consumer
S: Surveillance
I: Industry
D: Data Center
Protocol Type:
8: SATA
9: PCIe
Generation:
00: 1st
Reserved
Interface:
S: SATA
M: mSATA
N: M.2
U: U.2
Capacity:
120G: 120GB
240G: 240GB
480G: 480GB
500G: 500GB
1000G: 1000GB
1TB: 1TB
...
Extension:
CPU
NAND
Temperature
...

Memory Card



Brand:
Dahua

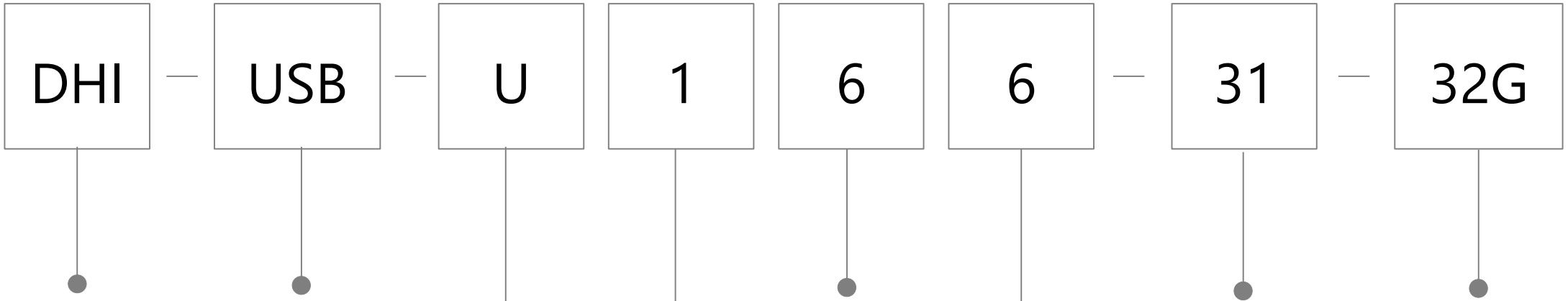
Type:
TF: microSD Card
SD: SD Card
NM: Nano Card

Positioning:
C: Consumer
P: Surveillance
S/W/H: High Endurance

Generation:
100: 1st

Capacity:
32G: 32GB
64G: 64GB
128G: 128GB
256G: 256GB
…

USB Flash Drivers



Brand:
Dahua

USB

Type:
U: Normal USB Drivers
P: 2-in-1 USB Drivers
S: Solid State USB Drivers

Reserved

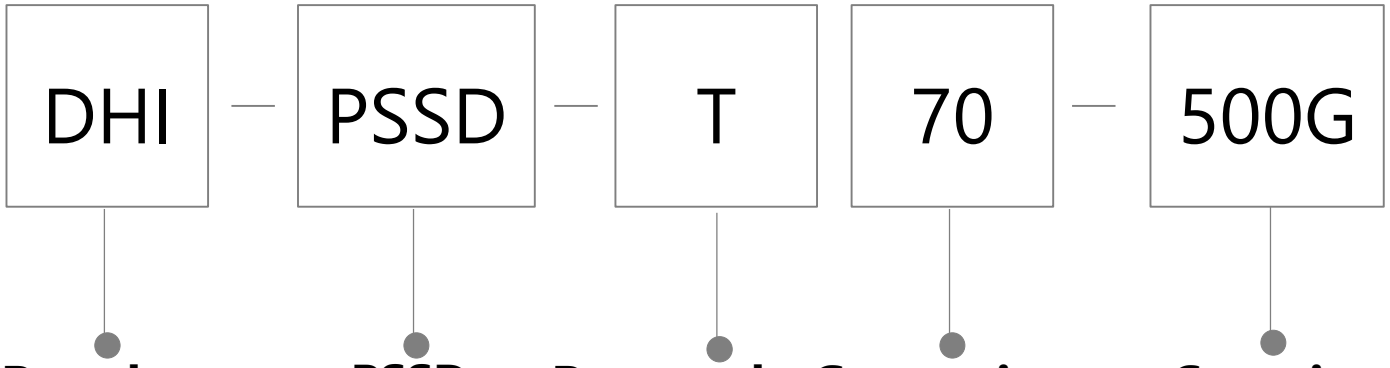
Shell

Reserved

Protocol:
20: USB 2.0
30: USB 3.0
31: USB 3.2 Gen1
32: USB 3.2 Gen2

Capacity:
8G: 8GB
16G: 16GB
32G: 32GB
64G: 64GB
128G: 128GB
256G: 256GB
...

PSSD & eHDD



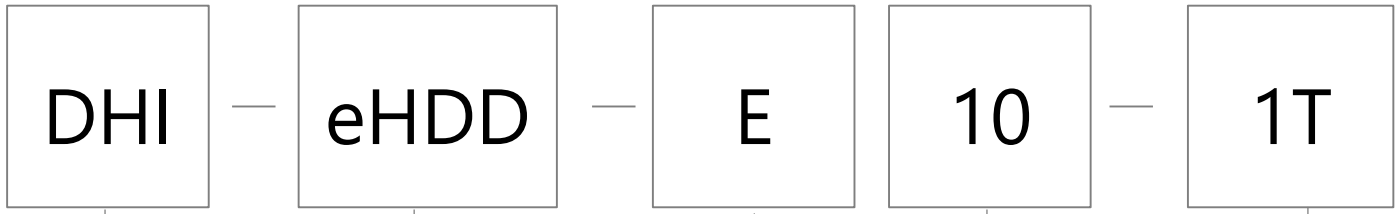
Brand:
Dahua

PSSD

Reserved

Generation:
60: 1st
70: 2nd

Capacity:
500G: 500GB
1000G: 1000GB
…



Brand:
Dahua

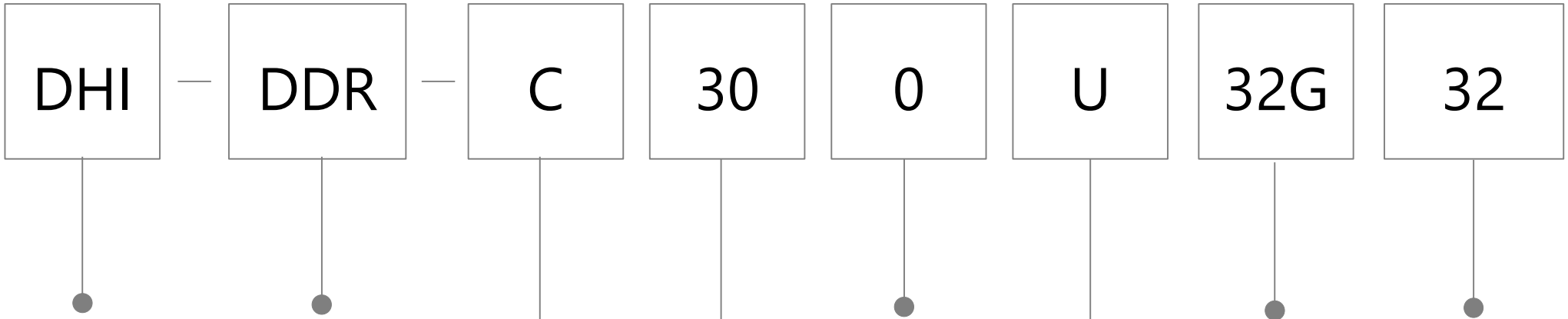
eHDD

Reserved

Generation:
10: 1st

Capacity:
1T: 1TB
2T: 2TB
…

DRAM



Brand:
Dahua

DRAM

Positioning :
C: Consumer

Protocol:
16: DDR3
30: DDR4

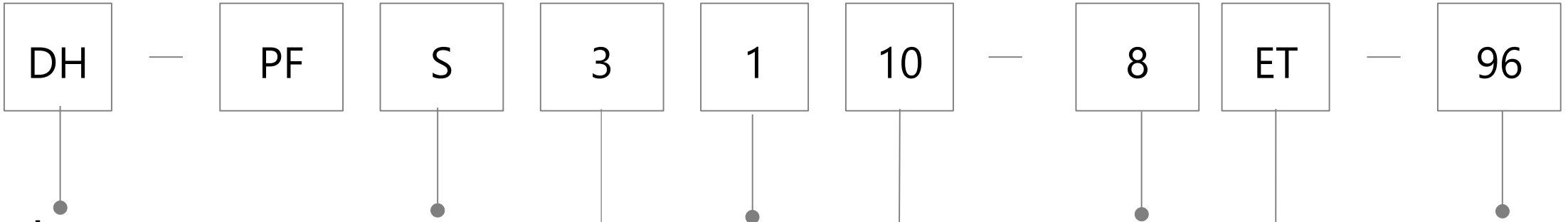
Reserved

Typel:
U: UDIMM
S: SODIMM

Capacity:
8G: 8GB
16G: 16GB
32G: 32GB
...

Frequency:
16: 1600MHz
26: 2666MHz
32: 3200MHz
...

Switch



Brand:
DH-Dahua
Null-Oversea neutral

S-Switch

For Switch:
3: Layer 2 unmanaged
4: Layer 2 managed
5: Layer 2+ managed
6: Layer 3 managed
7: Core Switch
8: Core Switch

Uplink Fiber Port Number:
0: 0 fiber port
1: 1 fiber port
4: 4 fiber ports
8: 8 fiber ports
9: 16 fiber ports

Total Port Number:
01-99
Combo port is calculated as one port

Number of access ports:
01-99

Access Port Property
ET=RJ45/100M
GT=RJ45/1000M
EF=Fiber port/100M
GF=Fiber port/1000M

For PoE Switch:
0-999：For PoE Output power
DP: Din Rail PoE

Switch(new)

Brand:
DH-Dahua
Null-Oversea neutral

Switch Type:
S- Switch
CS-Cloud-managed Switch
HS-Hardened Switch
IS- Industrial Switch

For Switch:
3: Layer 2 unmanaged
4: Layer 2 managed
5: Layer 2+ managed
6: Layer 3 managed
7: Core Switch
8: Core Switch

Uplink Fiber Port Number:
0: 0 fiber port
1: 1 fiber port
4: 4 fiber ports
8: 8 fiber ports
9: 16 fiber ports

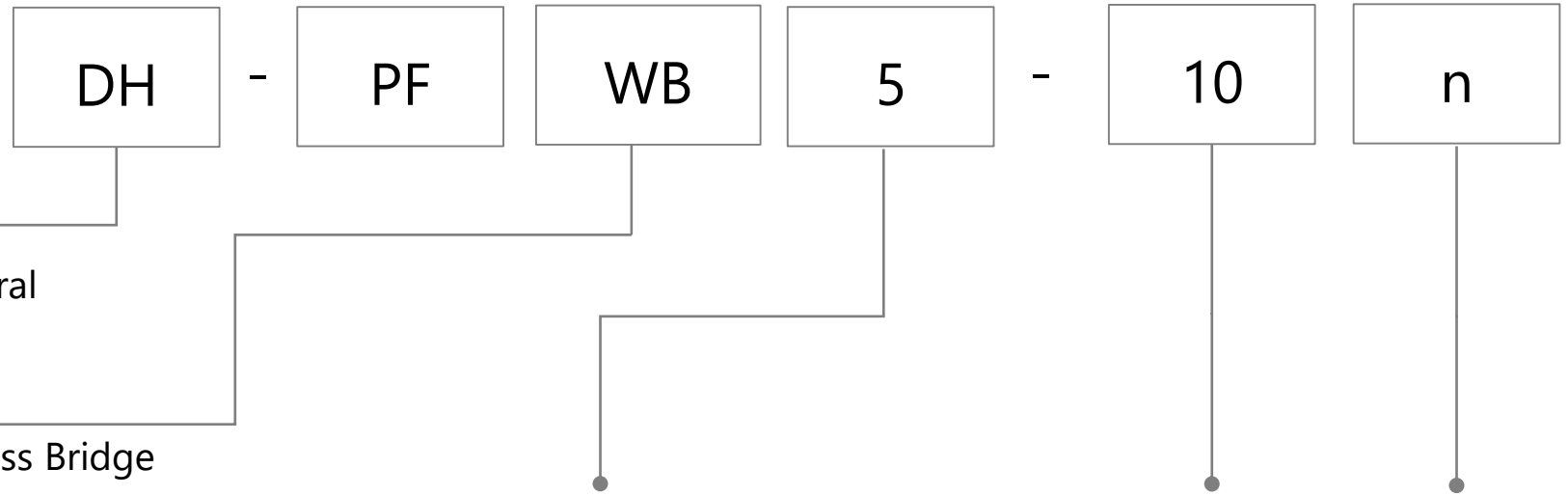
Total Port Number:
01-99
Combo port is calculated as one port

Number of access ports:
01-99

Access Port Property
ET=RJ45/100M
GT=RJ45/1000M
GF=Fiber/1000M
MGT=RJ45/2.5G, 5G
XF=Fiber/10G
QF=Fiber/40G
CF=Fiber/100G

For PoE Switch:
0-999：For PoE Output power

Wireless Bridge
—Only for V-Radio series wireless bridge



Brand:
DH-Dahua
Null-Oversea neutral

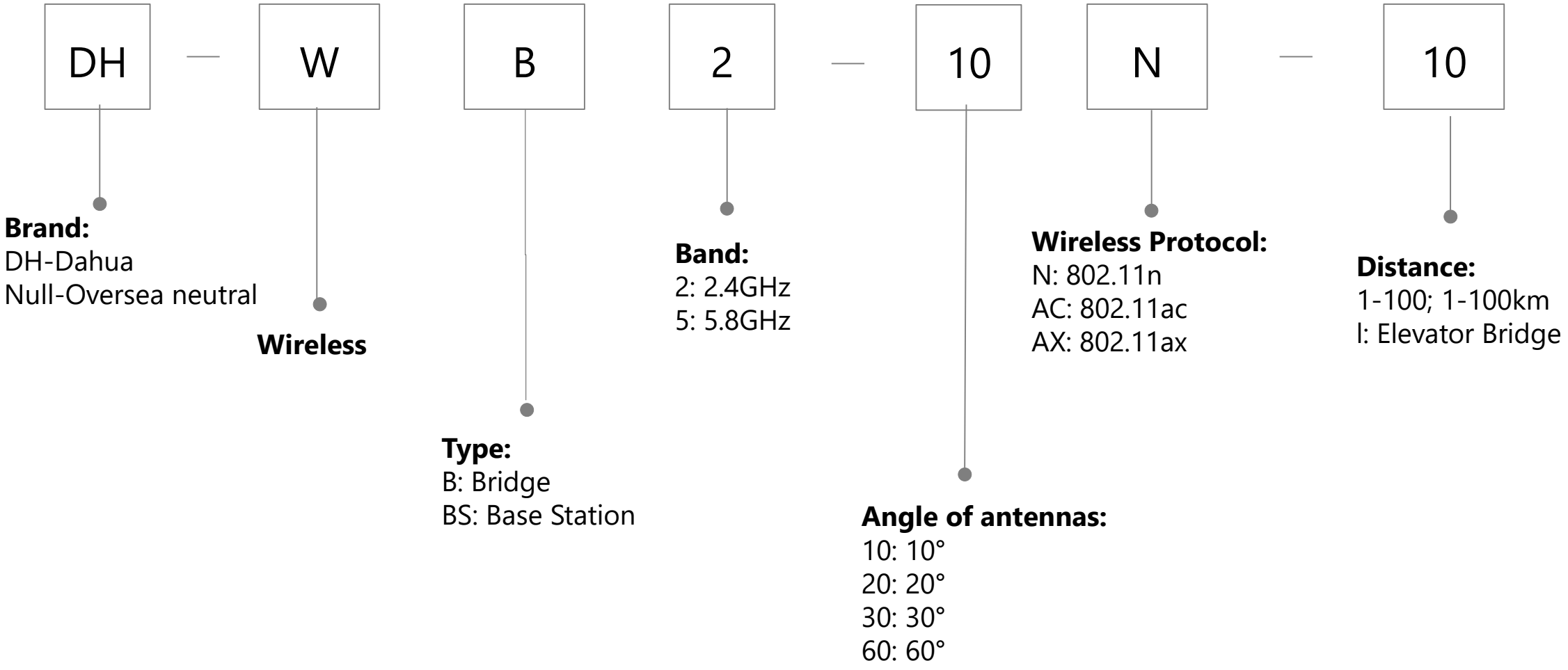
WB: Wireless Bridge

Working Frequency:
2: 2.4GHz
5: 5GHz

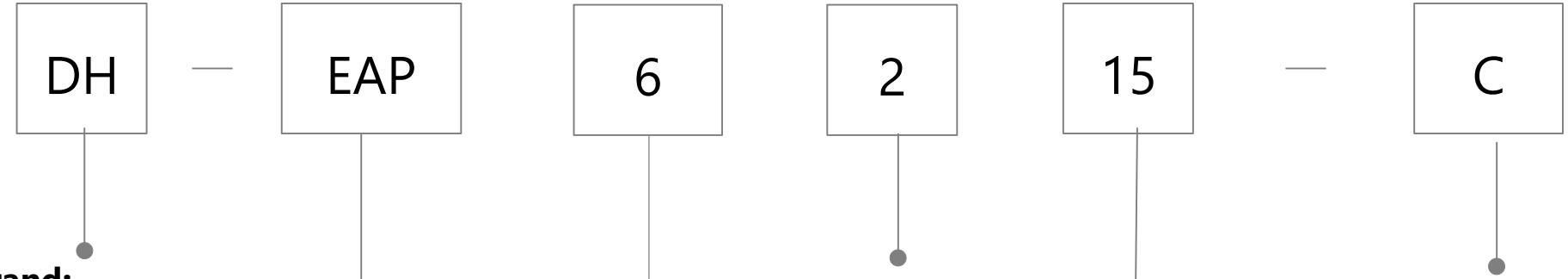
Wireless Angle:
10: 10°
30: 30°
60: 60°
90: 90°

Wireless Standard:
n: IEEE 802.11n
ac: IEEE 802.11ac

Wireless Bridge(new)



AP



Brand:
DH-Dahua
Null-Oversea neutral

Series:
AWA: AWA
EAP: EAP
WAP: WAP

Wi-Fi Generation:
4: Wi-Fi 4, 802.11n
5: Wi-Fi 5, 802.11ac
6: Wi-Fi 6, 802.11ax

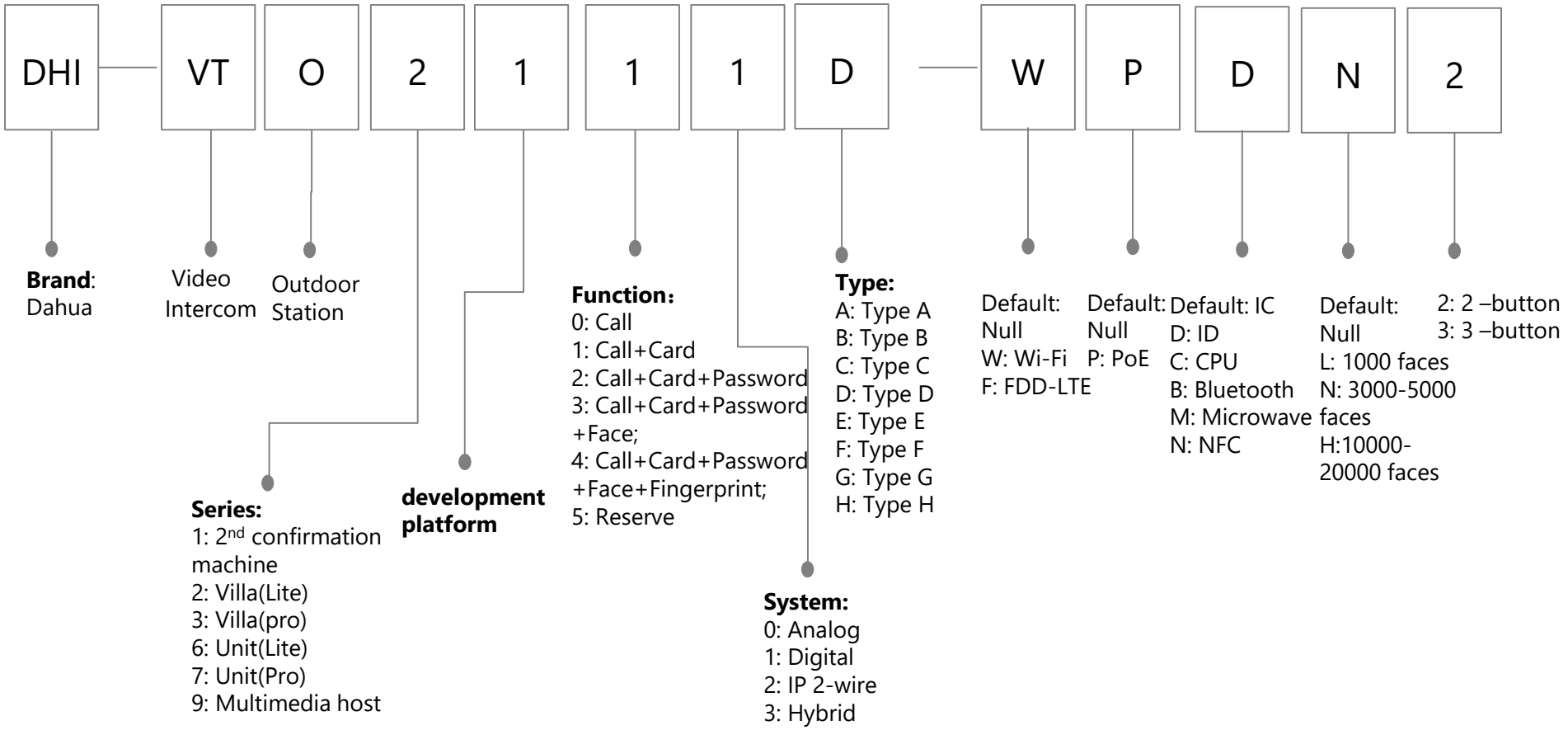
Stream:
2: 2x2
3: 3x3
4: 4x4

AWA:
Uplink Speed:
10: 100Mbps
20: 1000Mbps
30: 2.5Gbps
EAP&WAP:
Speed:
12: 1200Mbps
15: 1500Mbps
18: 1800Mbps
30: 3000Mbps
60: 6000Mbps

Method of Installation:
C: Celling
I: In-wall
D: Desktop
O: Outdoor

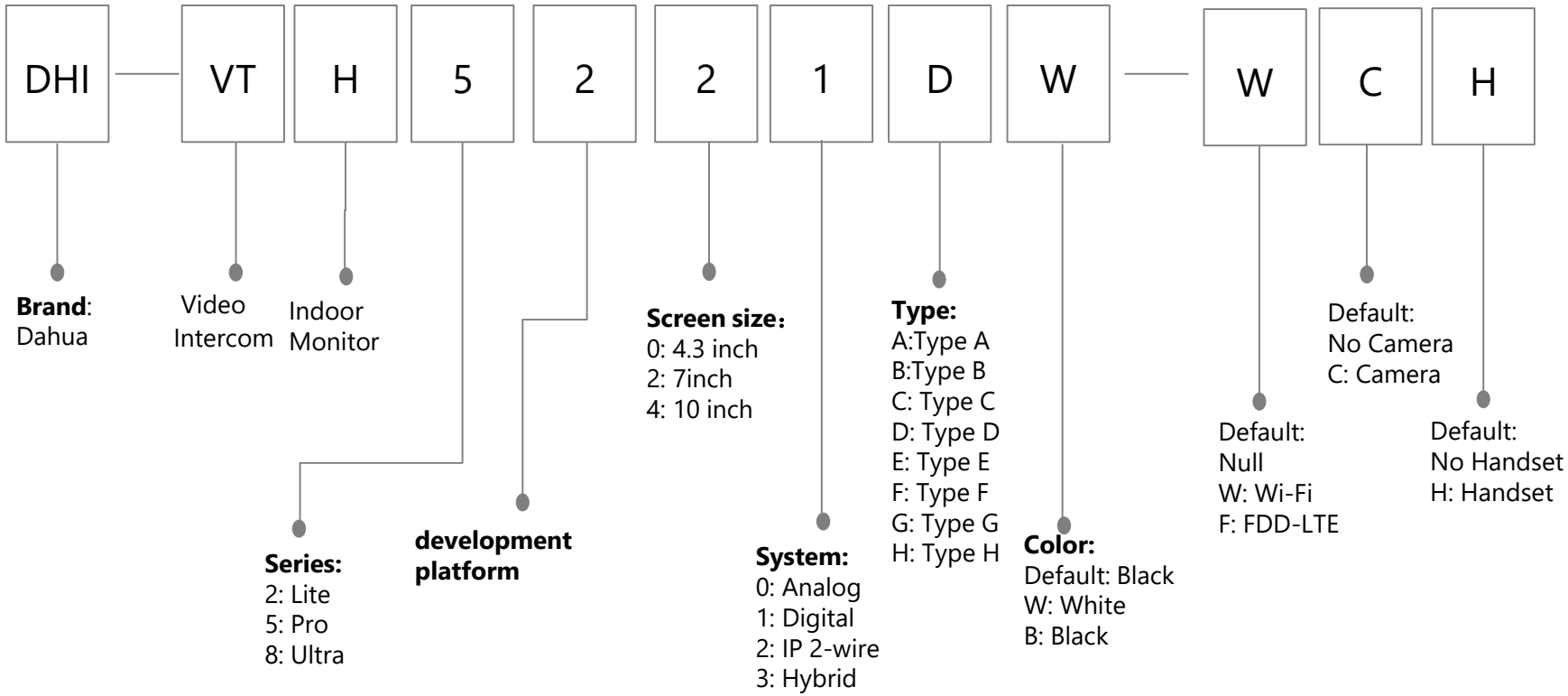
Video Intercom(Outdoor Station)

Notice: The naming rule is applicable to the products released after 2016



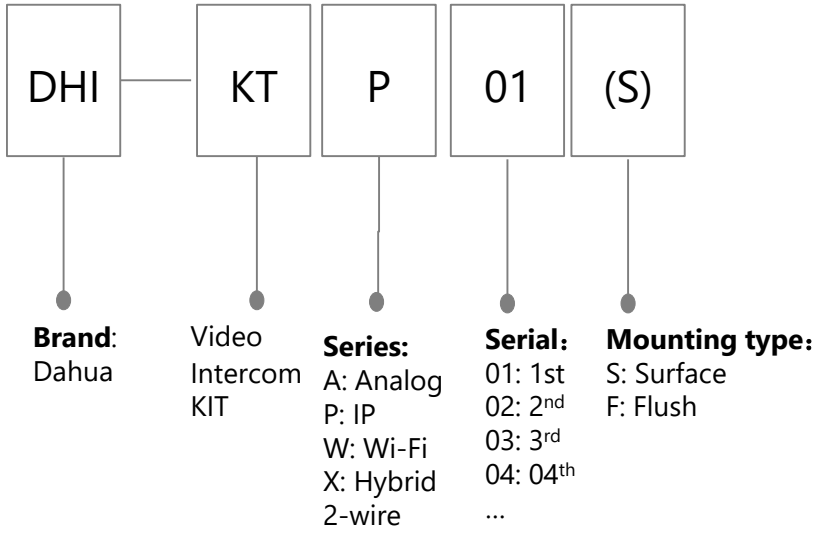
Video Intercom(Indoor Monitor)

Notice: The naming rule is applicable to the products released after 2016



Video Intercom(KIT)

Notice: The naming rule is applicable to the products released after 2019



KIT

DH — KIT / XVR5104HS-X1 / 4 — HFW1200RP-0360B-S4

Storage Model:
NVR Series
HCVR Series

Camera Numbers:
2:two cameras
4:four cameras
8:eight cameras

Camera Model:
IPC Series
HDCVI Series

DH — KIT / NVR4104-P / 2 — HFW1220SP-0360B-S2 / 2 — HDW1220SP-0360B-S2

Storage Model:
NVR Series
HCVR Series

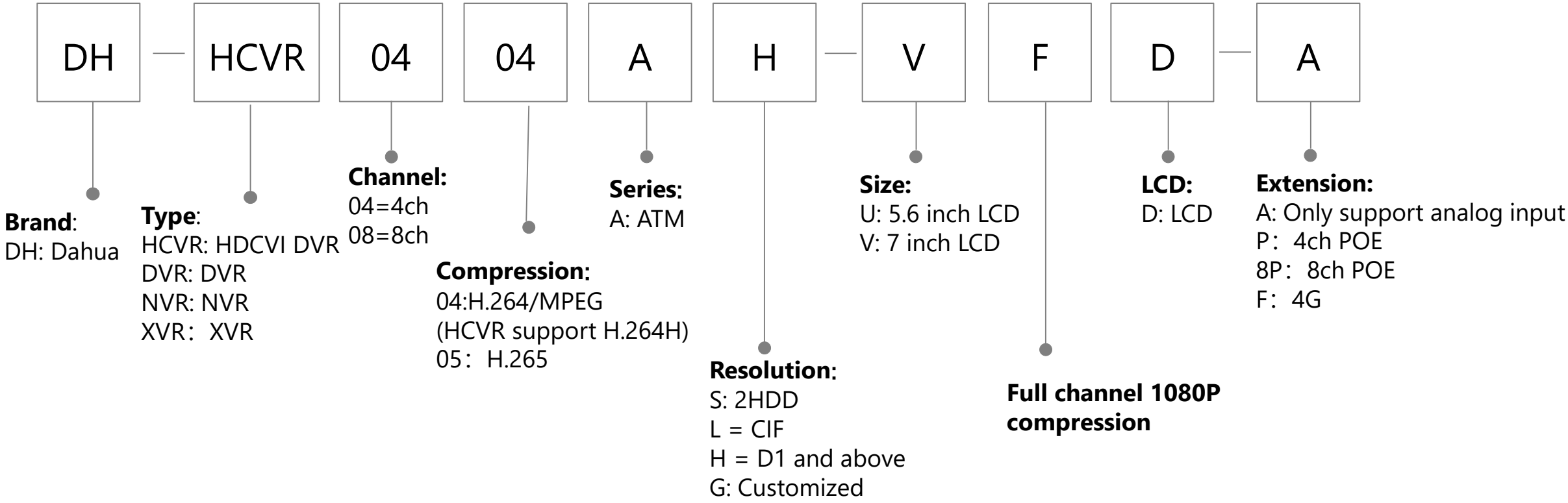
Camera Numbers:
2:two cameras
4:four cameras
8:eight cameras

Camera Model:
IPC Series
HDCVI Series

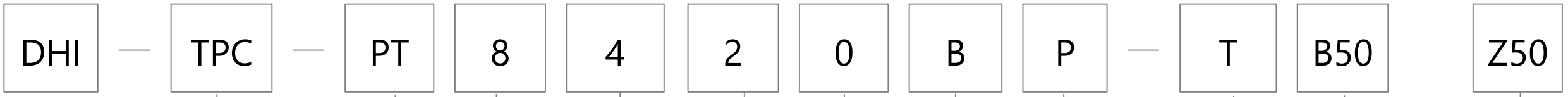
Camera Numbers:
2:two cameras
4:four cameras
8:eight cameras

Camera Model:
IPC Series
HDCVI Series

ATM DVR/NVR


DH
HCVR
04
04
A
H
V
F
D
A
Brand:
DH: Dahua
Type:
HCVR: HDCVI DVR
DVR: DVR
NVR: NVR
XVR：XVR
Channel:
04=4ch
08=8ch
Compression:
04:H.264/MPEG
(HCVR support H.264H)
05：H.265
Series:
A: ATM
Resolution:
S: 2HDD
L = CIF
H = D1 and above
G: Customized
Size:
U: 5.6 inch LCD
V: 7 inch LCD
Full channel 1080P compression
LCD:
D: LCD
Extension:
A: Only support analog input
P：4ch POE
8P：8ch POE
F：4G

Thermal Camera



Brand:
Dahua International

TPC:
Thermal Camera

Camera Type:
DF: Eyeball
BF: Bullet
SD: Speed dome
PT: Pan & Tilt
PTD: High Performance Pan & Tilt
KF: Compact
HT: Handheld Thermography
AT: Fixed-mount

Product Position:
1: Lite Mini
2: Lite Value
5: Pro
8: Ultra
9: Cooled series

Thermal Resolution:
0: 80*60
1: 160*120
2: 256*192
4: 400*300
6: 640*512

Visible Resolution:
0: No visible
1: 720P
2: 1080P
4: 4MP

Generation:
0/1 : Generation

Reserve:
Default: null
A: Hybrid PT
D: Hybrid PT with laser part
B: Hybrid PTZ
C: Hybrid PTZ with laser part
M: Mobile-mount Pan & Tilt

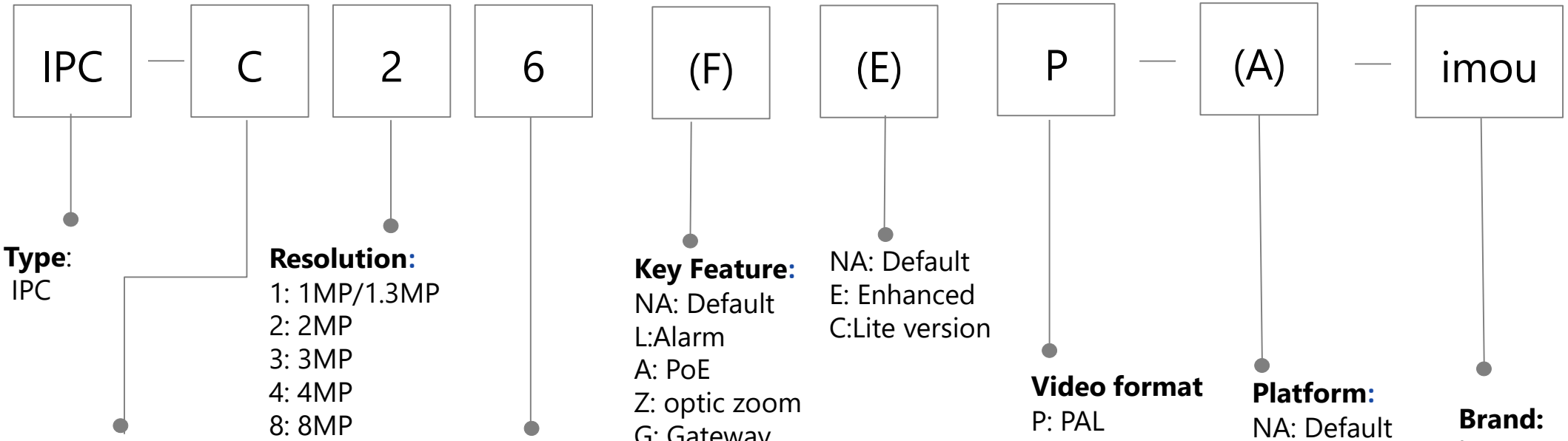
Video format:
P: PAL
N: NTSC
Null: Support both PAL and NTSC

Functions:
Default(null): Monitor
T: Radiometry

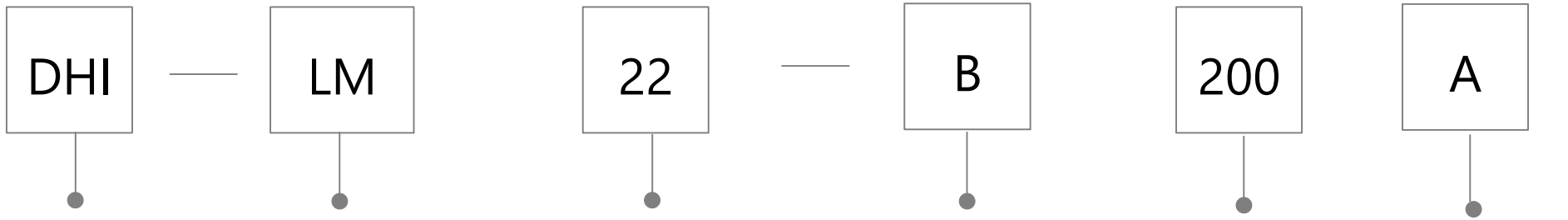
Thermal lens:
- B50: Fixed 50mm
- B20100: 20mm ~100mm

Visible lens:
- F8: Fixed 8mm
- Z50: Continuous Zoom 50X
- ZF711B: Continuous Zoom 12.5mm ~ 750mm

Consumer Camera



Monitor



Brand:
Overseas Dahua

LED Monitor

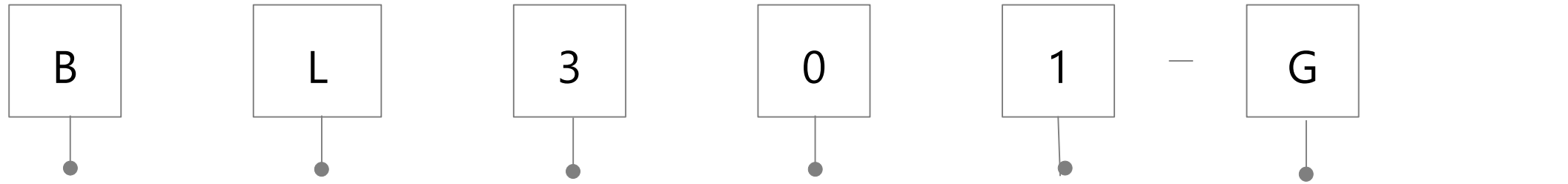
Size:
22: 21.5"
24: 23.8"
27: 27"
43: 43"
49: 49"
55: 55"

Positioning:
S: Standard (Metal case)
F: Foundation (Plastic case)
B:Commercial
H:Security
E:Gaming

100: <1080P
200: 1080P
400: 4K
800: 8K

sub-family

Monitor Bracket



Bracket

LCD/LED Monitor

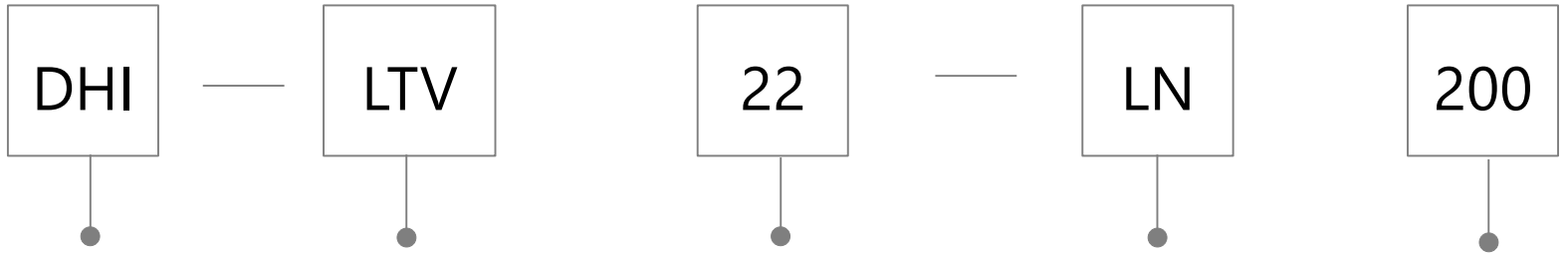
1： 1 series
3： 3 series

Reserve

1： support 1 screen
2： support 2 screens
3： support 3 screens
4： support 4 screens

()： Mechanical Mount
G： Gas Spring Mount

TV



Brand:
Overseas Dahua

LTV: TV

Size:
22: 22"
24: 24”
32: 32”
40: 40”
43: 43”
50: 50”
55: 55”
65: 65”
75: 75”

Positioning:
LN: Analog TV

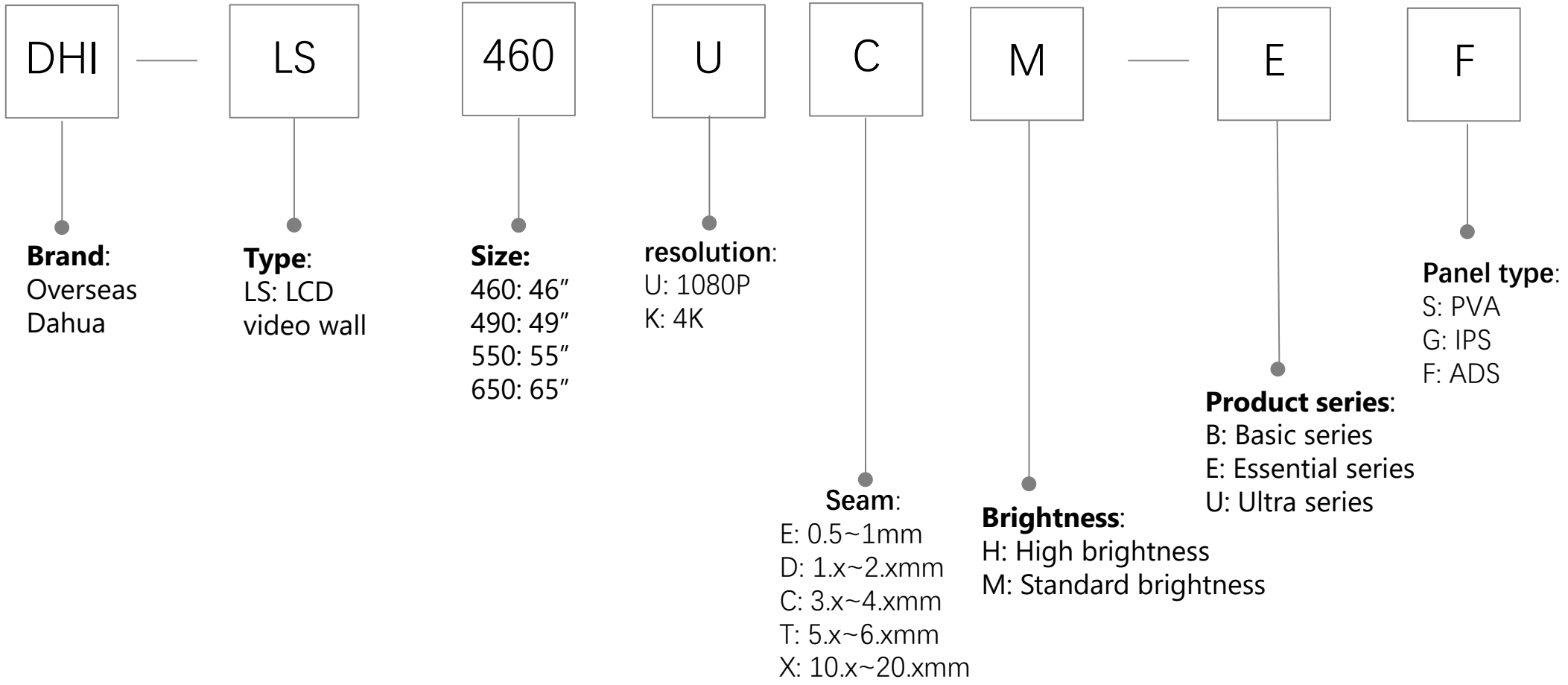
LD: Digital TV

SA: Smart TV with Android

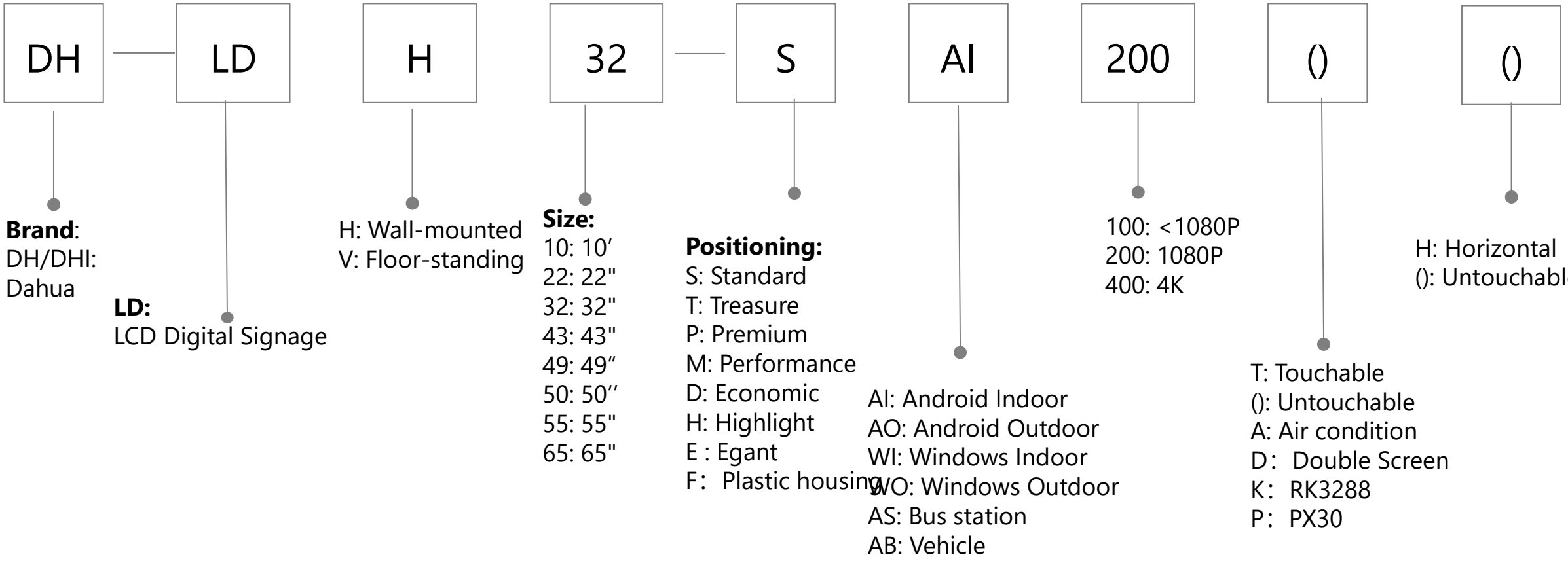
SN: Smart TV with Linux

100: <1080P
200: 1080P
400: 4K

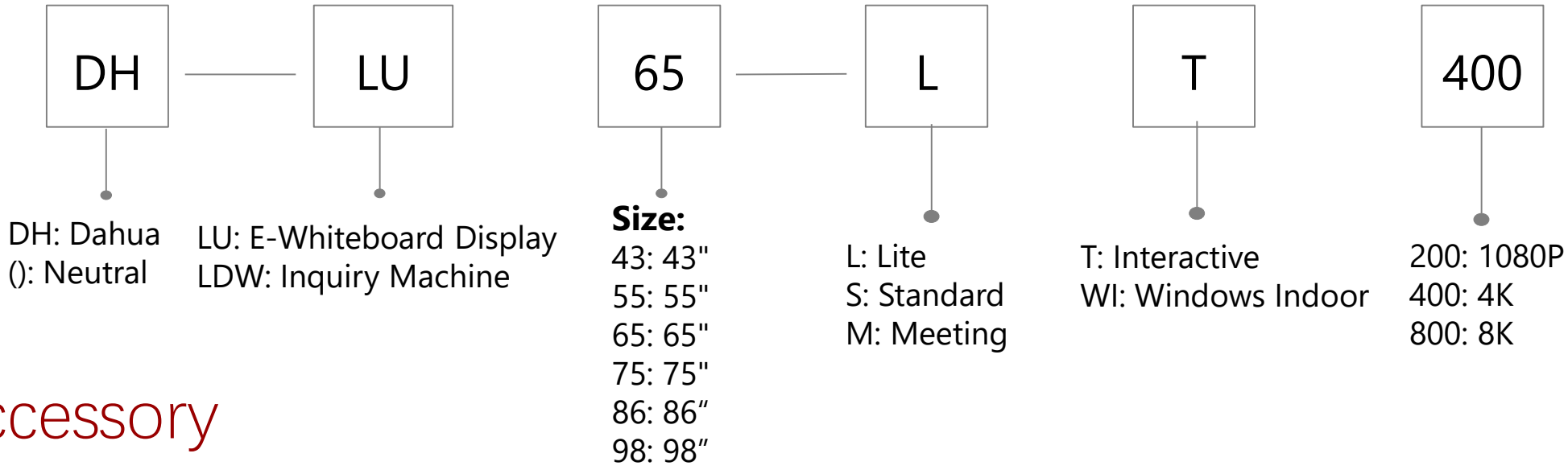
LCD Video Wall



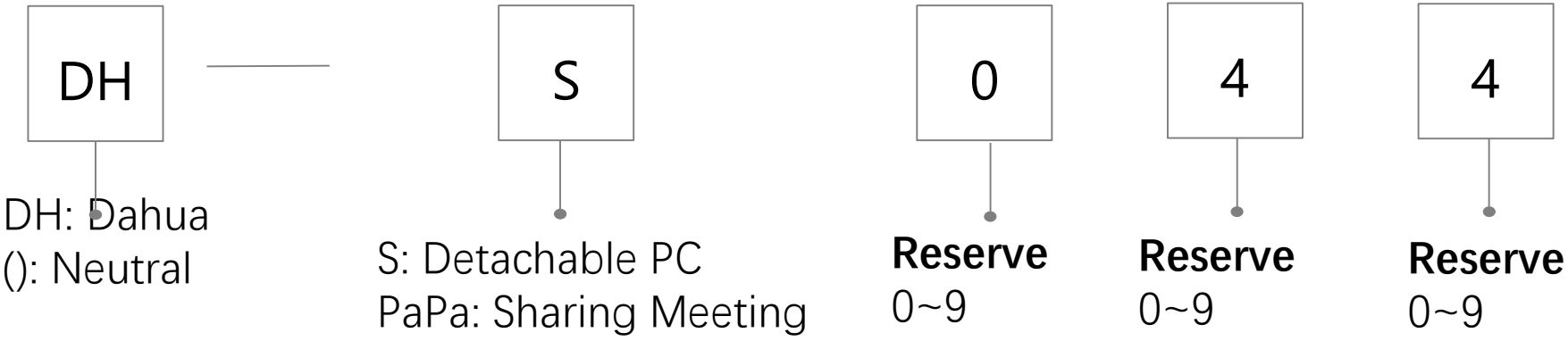
LCD Digital Signage



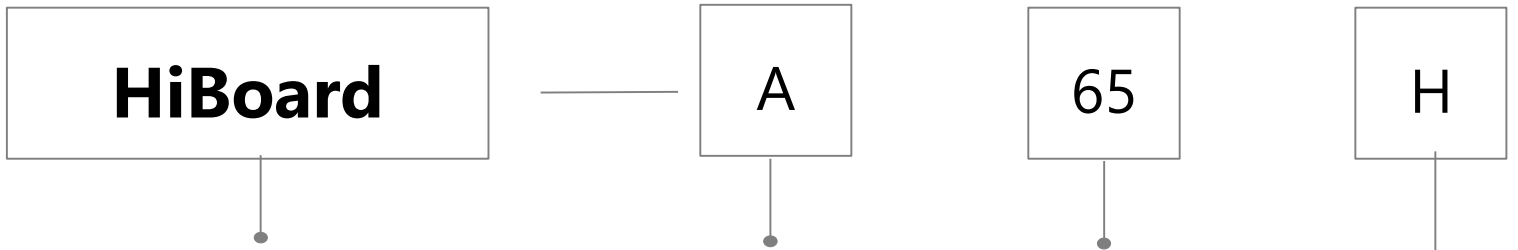
Interactive LCD Display



Accessory



Interactive LCD Display



HIBoard: E-Whiteboard Display

A: Ultimate
……

Size:
65: 65"
75: 75"
86: 86"

H： overseas edition

Accessory

E-Whiteboard Display

SMA: Sharing Cable
PC: Detachable PC
ST: Removable pedestal

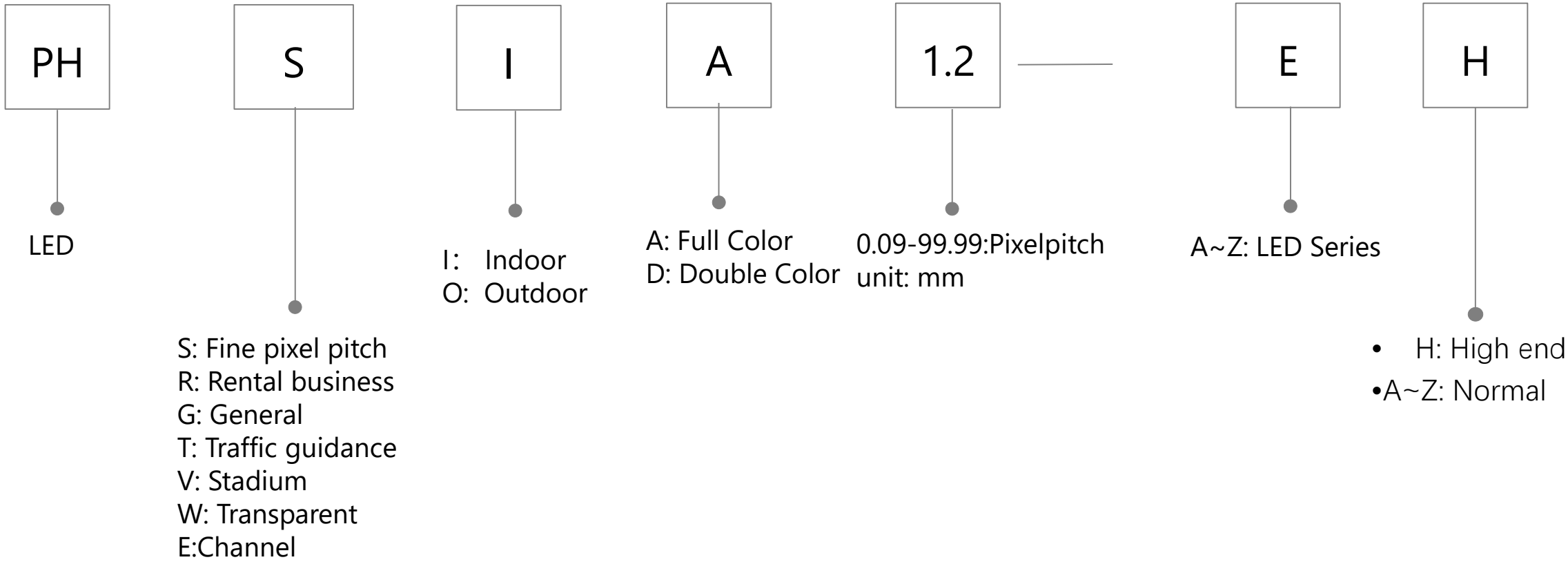
null: 缺省
CPU: I3 / I5 / I7

Reserve
A~Z

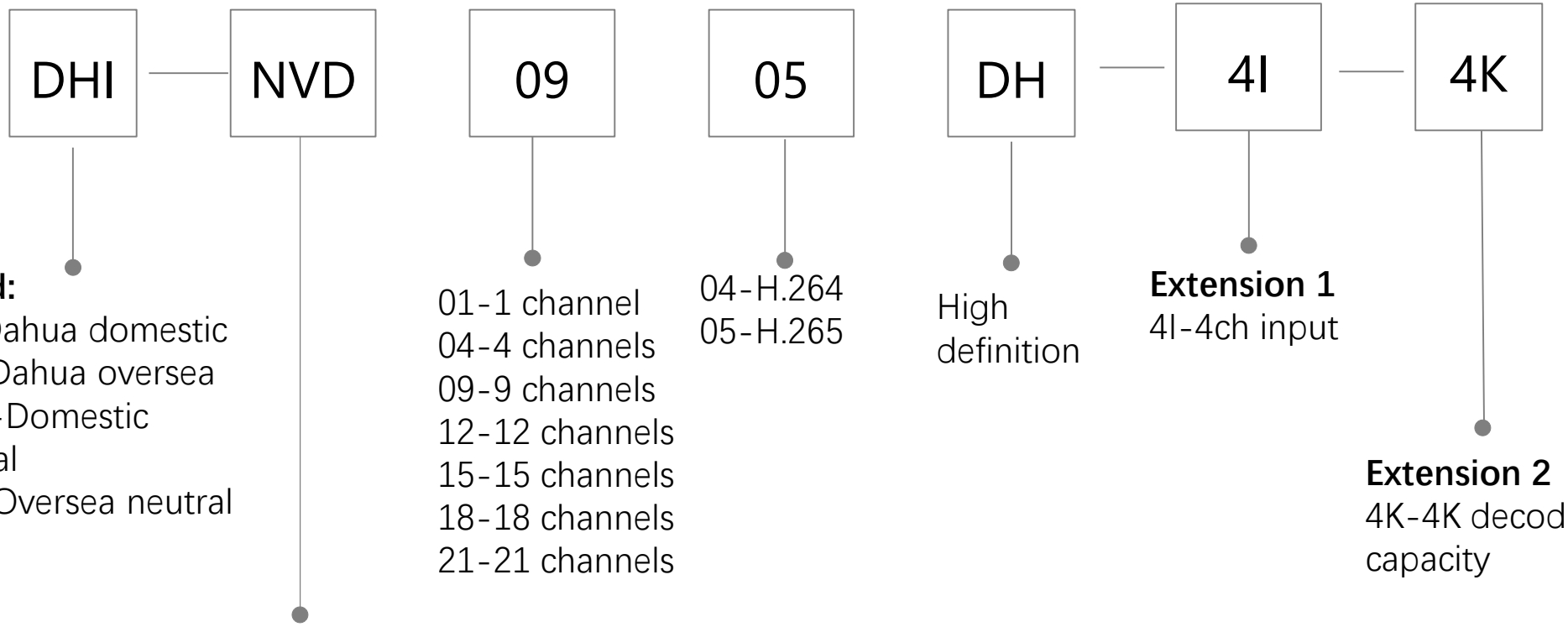
Reserve
0~9

H: overseas

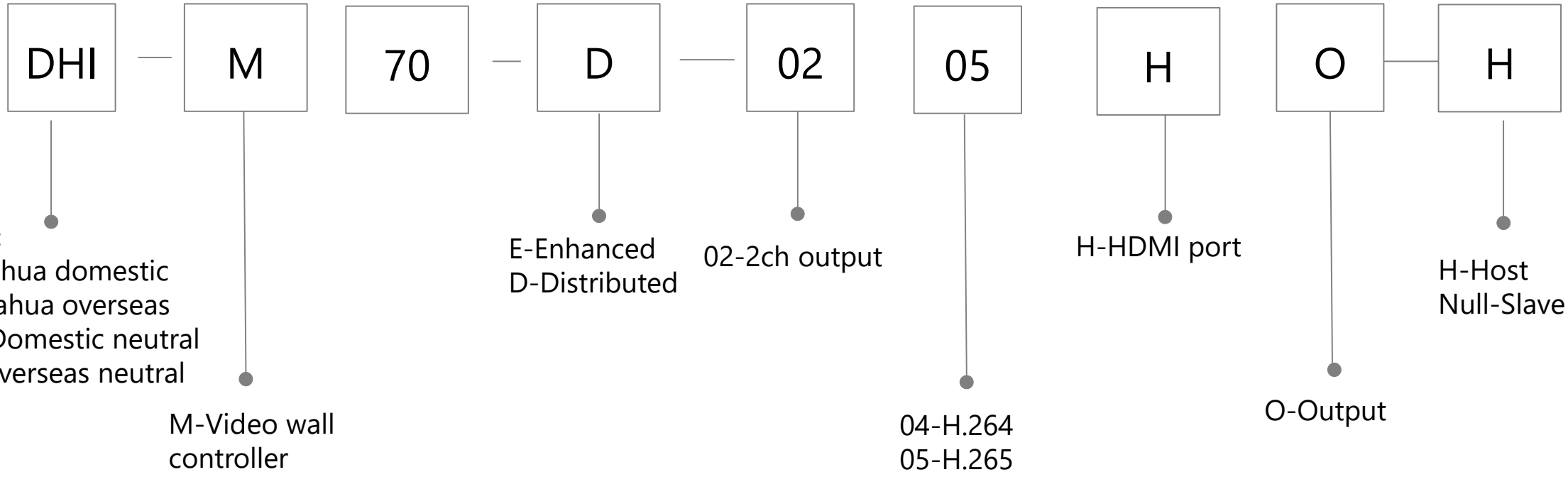
LED Display


PH
S
I
A
1.2
E
H
LED
S: Fine pixel pitch
R: Rental business
G: General
T: Traffic guidance
V: Stadium
W: Transparent
E:Channel
I: Indoor
O: Outdoor
A: Full Color
D: Double Color
0.09-99.99:Pixelpitch
unit: mm
A~Z: LED Series
H: High end
A~Z: Normal

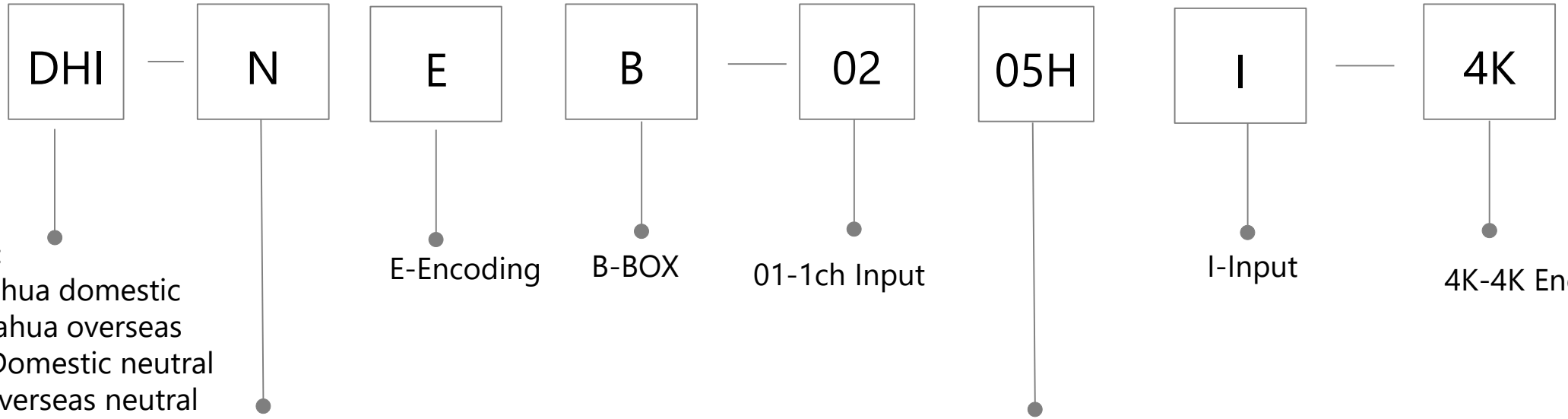
Decoder


DHI
NVD
09
05
DH
4I
4K
Brand:
DH-Dahua domestic
DHI-Dahua oversea
OEM-Domestic neutral
Null-Oversea neutral
NVD-Network video decoder(New type)
NVS-Network video server(Old type)
01-1 channel
04-4 channels
09-9 channels
12-12 channels
15-15 channels
18-18 channels
21-21 channels
04-H.264
05-H.265
High definition
Extension 1
4I-4ch input
Extension 2
4K-4K decoding capacity

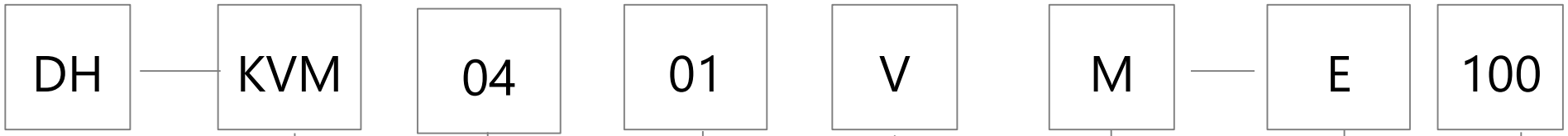
Video wall controller



Video wall controller



KVM



Brand:
DH-Dahua domestic
DHI-Dahua oversea
OEM-Domestic neutral
Null-Oversea neutral

KVM: Multiple computer switchers

04-4 input channels
08-8 input channels

01-1output channels

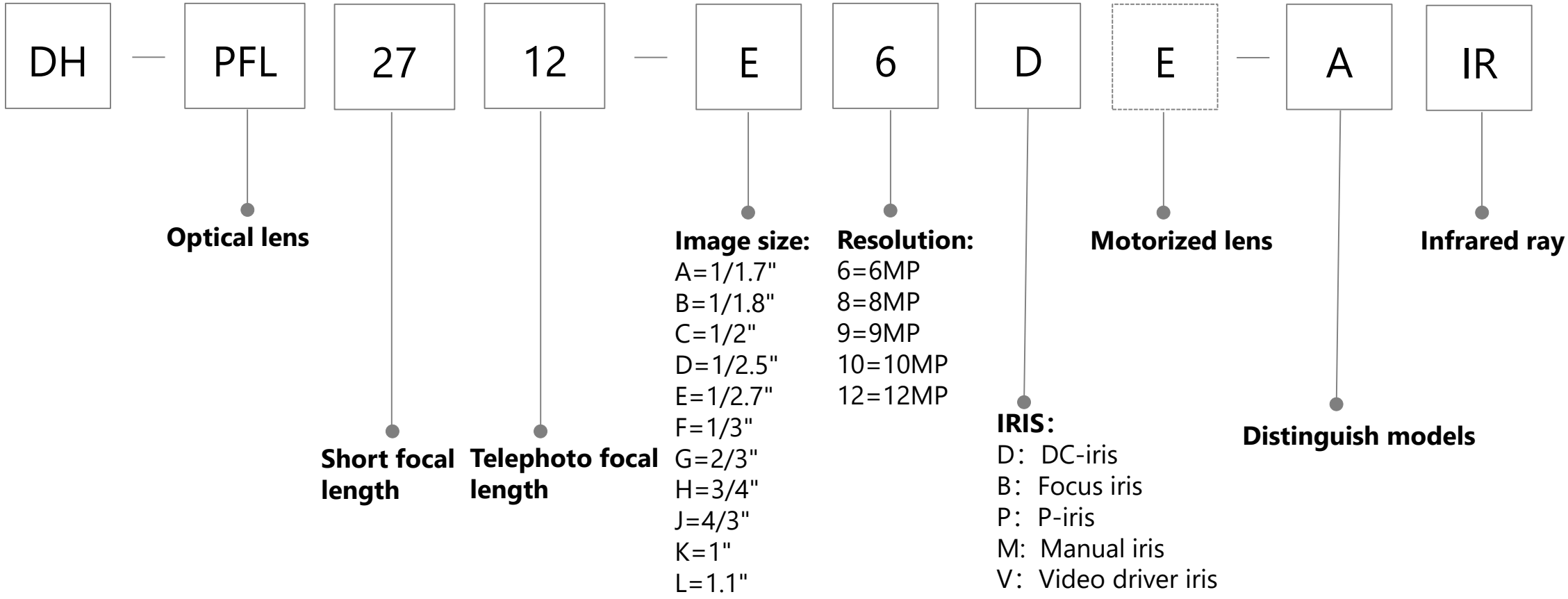
Interface type
V-VGA
H- HDMI

M:Rack-mounted Multiple computer switchers
L:LCD- Multiple computer switchers

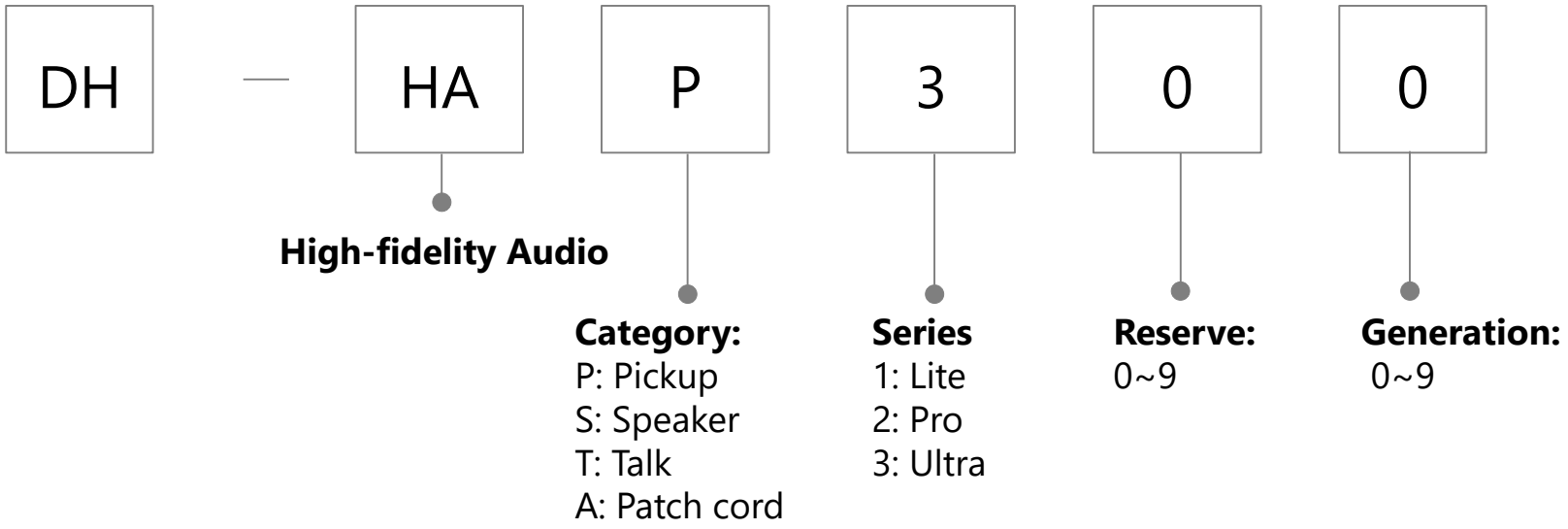
E:economic serial
H:high-end serial
D:channel dedicated

100:touch-tone
200:RJ-45 conversion
300:IP transmission

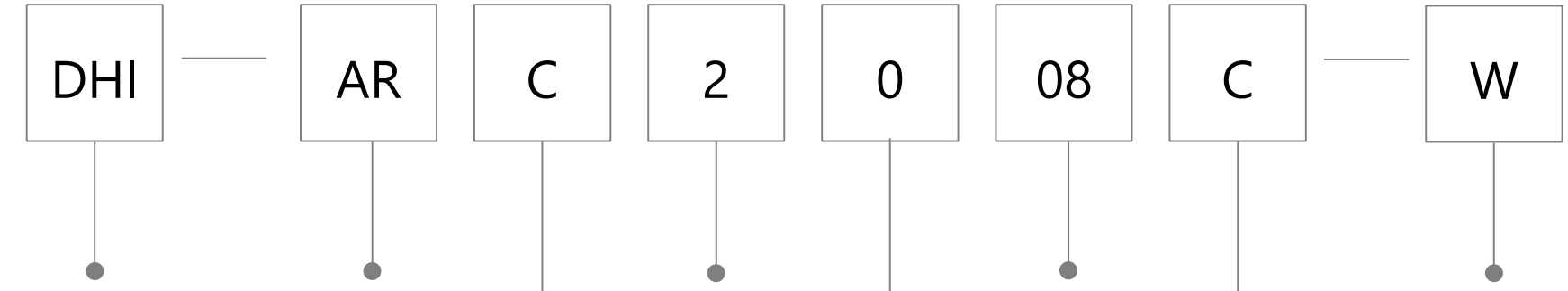
Public Lens (new)



Audio


DH
HA
P
3
0
0
High-fidelity Audio
Category:
P: Pickup
S: Speaker
T: Talk
A: Patch cord
Series
1: Lite
2: Pro
3: Ultra
Reserve:
0~9
Generation:
0~9

Alarm (Controller)



Brand:
Dahua International

Alarm

Type:
C：Alarm Controller
K：Keypad
D：Detector
M：Module

Series:
2=General Host
3=Professional Host
5=Video Host
9=MBUS Host

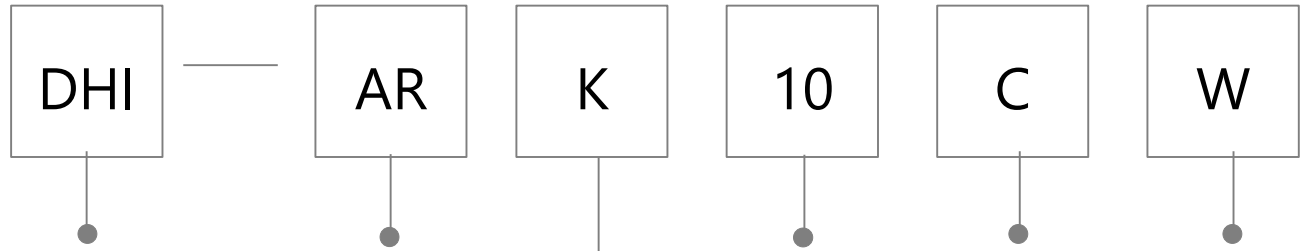
Video:
0=0CH
4=4CH
8=8CH

Zone:
08=8 zones
16=16 zones

Case:
A=Plastic& Keypad
B=Plastic
C=Metal Box

Function:
Default PSTN
G：GPRS
C：WCDMA
E：EVDO
T：TDSCDMA
F：FDD-LTE
W：Wireless
SW：SW=Single Wireless
W2：2rd Generation Wireless

Alarm (Keypad)



Brand:
Dahua International

Alarm

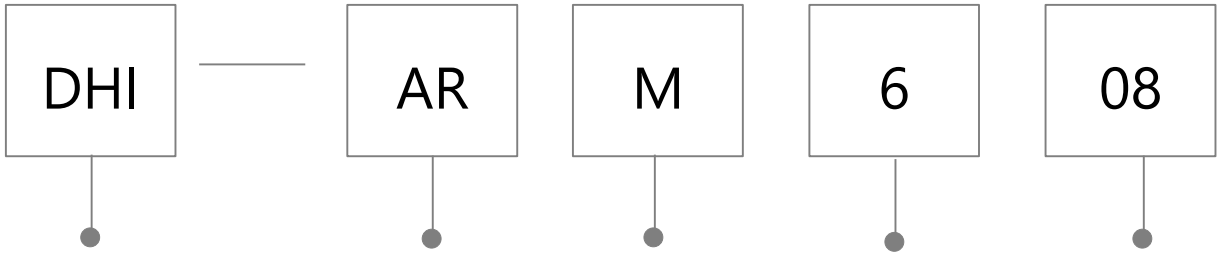
Type:
C: Alarm Controller
K: Keypad
D: Detector
M: Module

Series:
10=series

Display:
C=LCD
E=LED
T=touch screen

Function:
W=Wireless

Alarm (Module)



Brand:
Dahua International

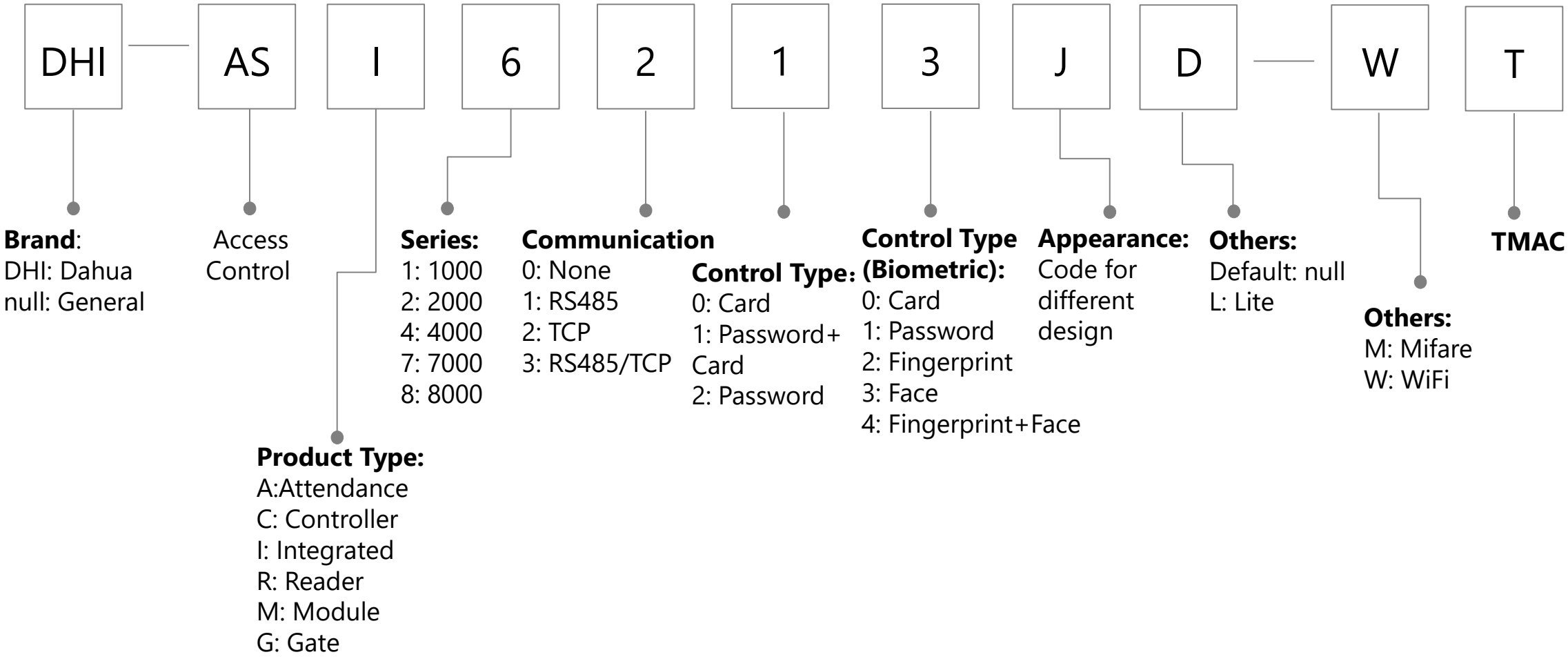
Alarm

Type:
C: Alarm Controller
K: Keypad
D: Detector
M: Module

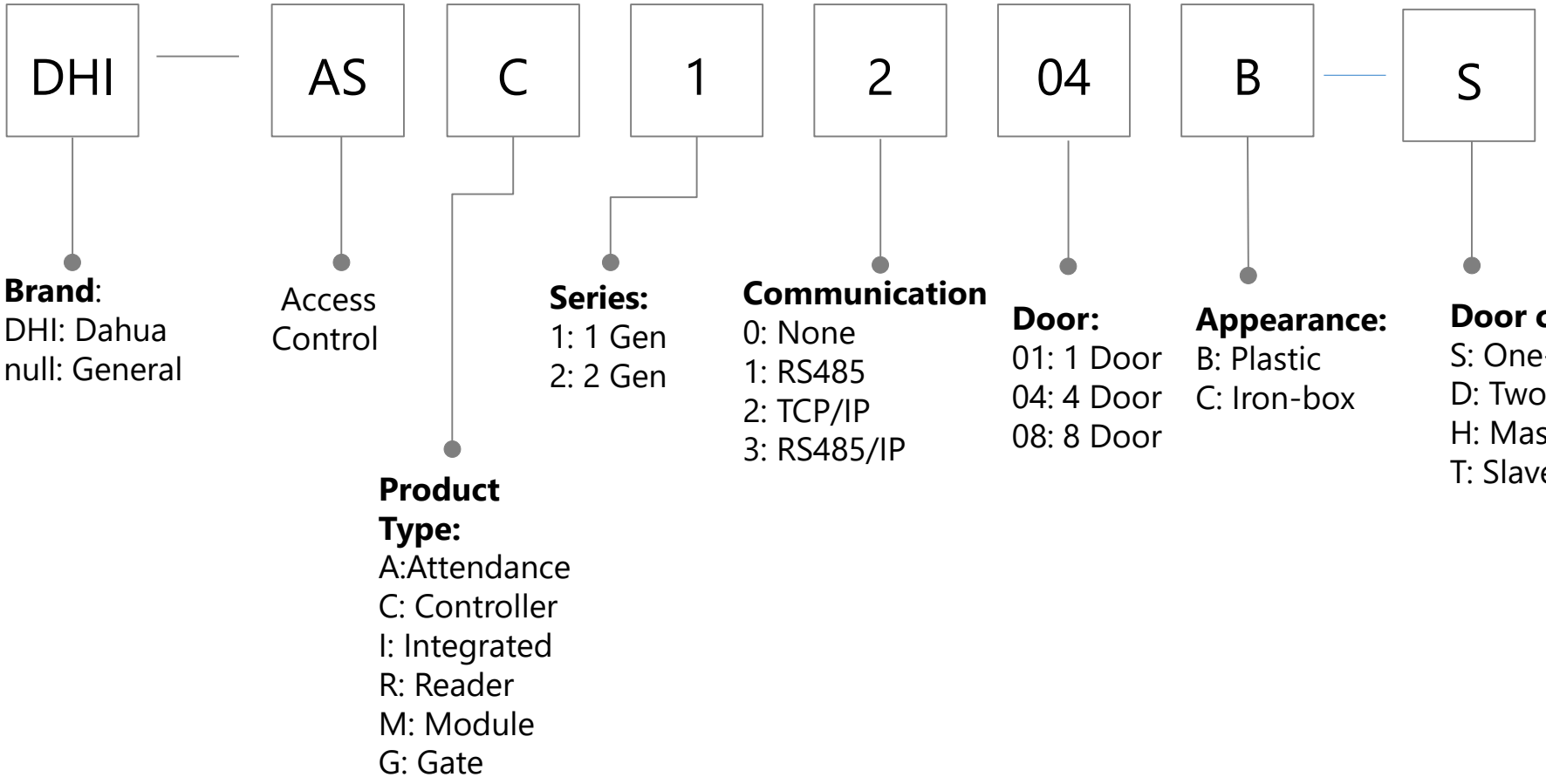
Function:
6=repeater
7=output
8=input

Expand:
02=2CH
08=8CH
16=16CH

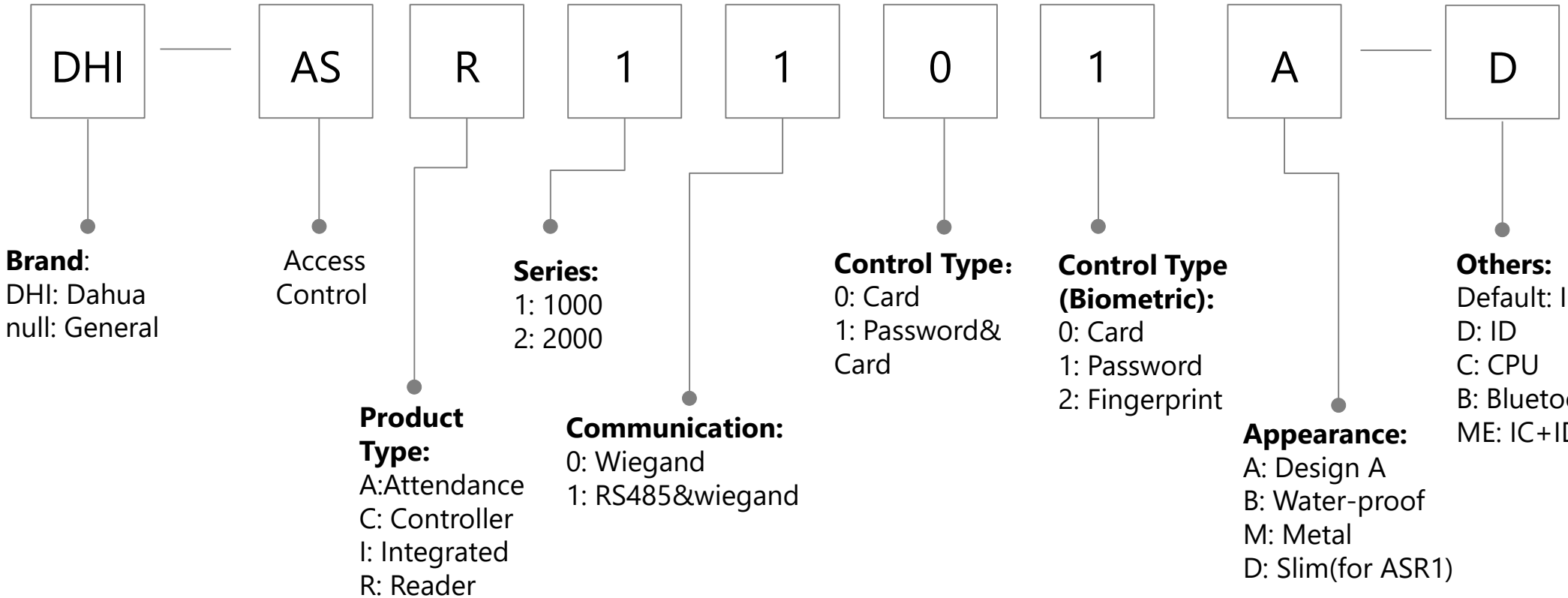
Access Control (Integrated)



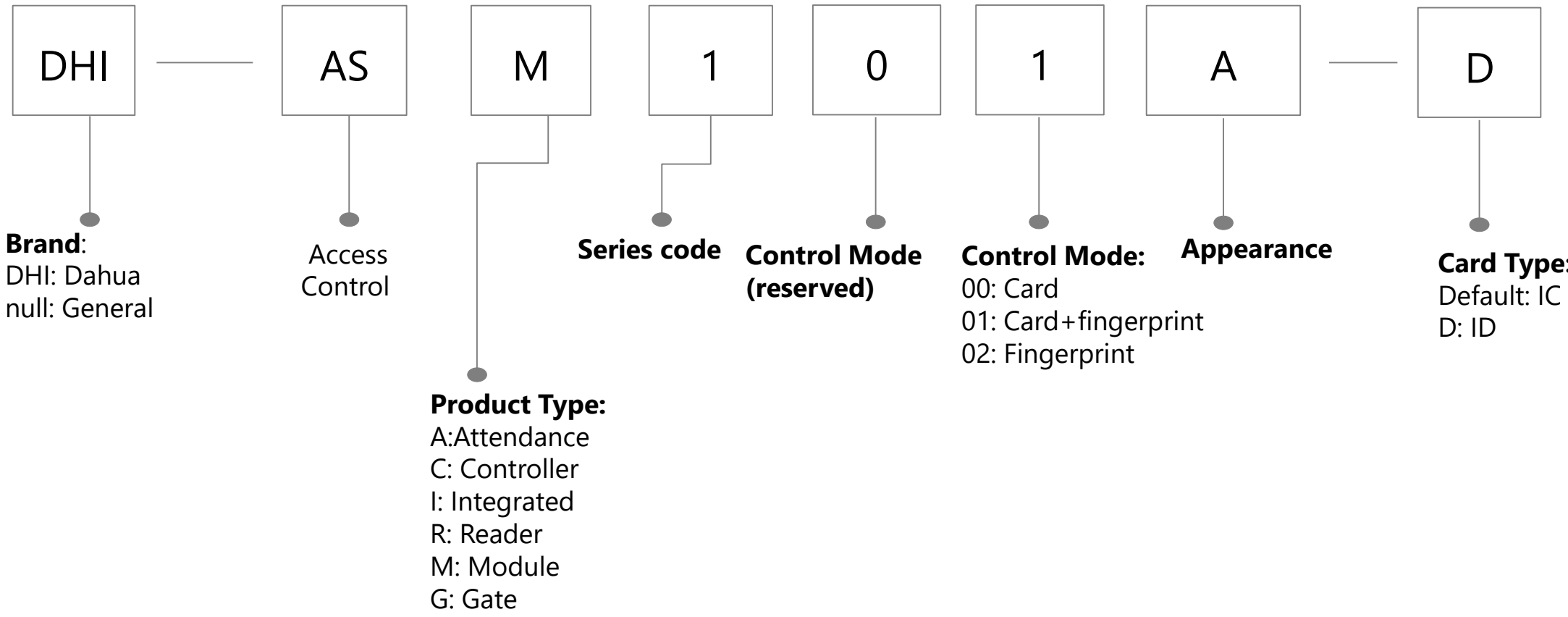
Access Control (Controller)



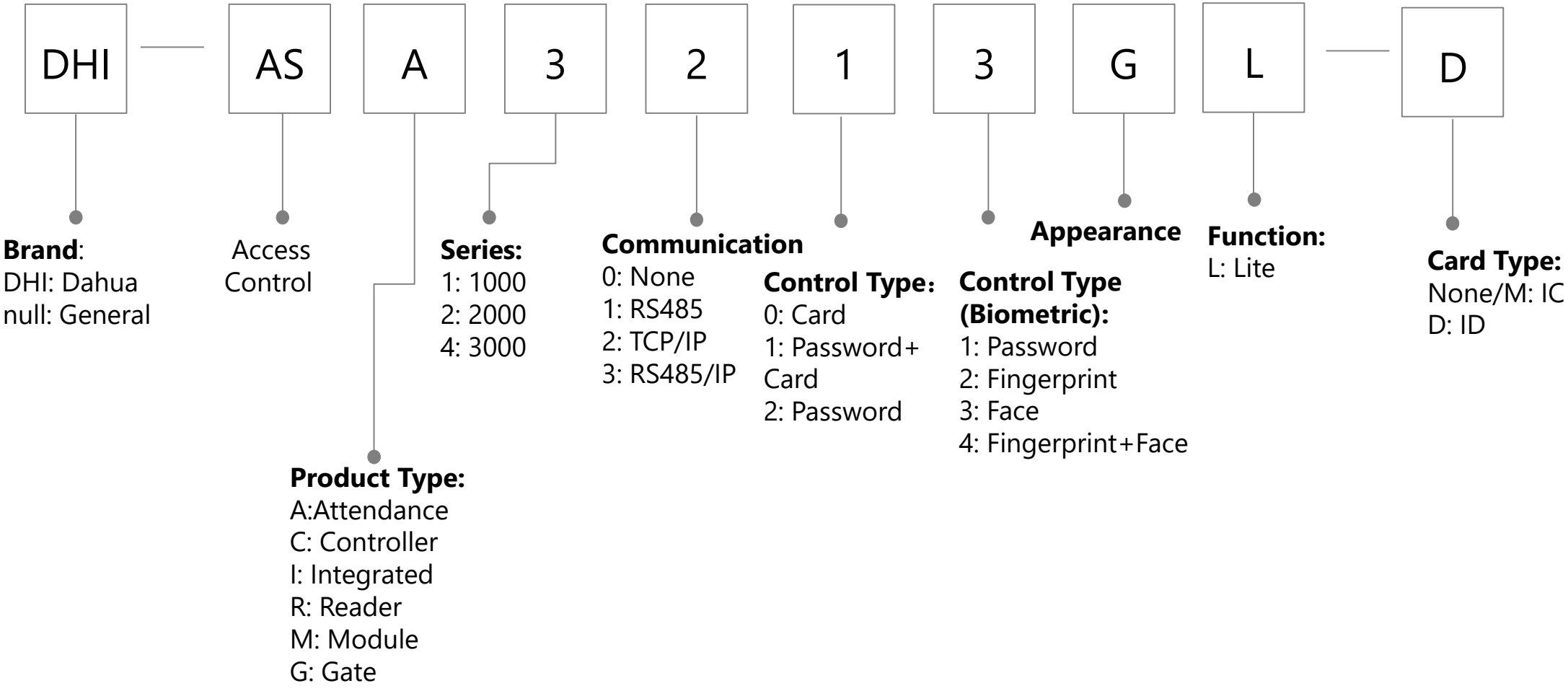
Access Control(Reader)



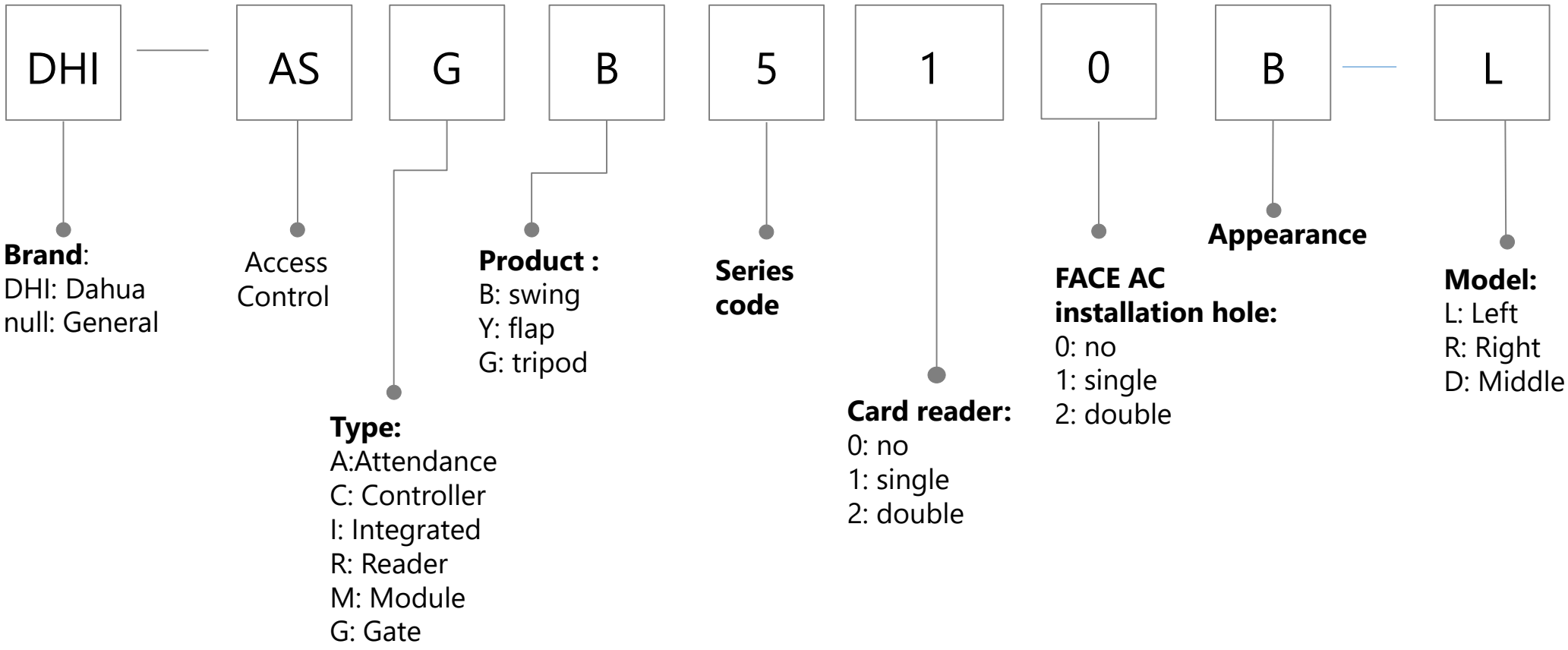
Access Control(Module)



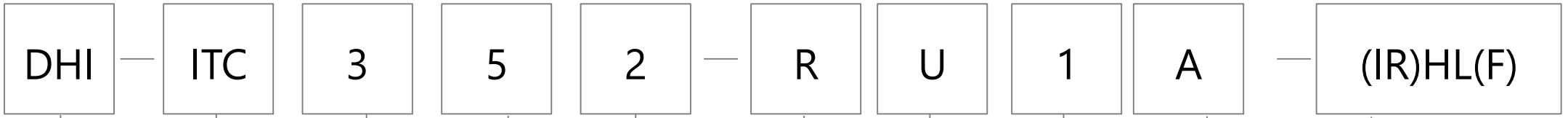
Access Control (Attendance)



Access Control (Turnstile)



ITS-Traffic Camera



Brand:
Dahua

Intelligent
Traffic Camera

Resolution
1：1MP
2：2MP
3：3MP
……

Sensor Category
0-CCD
1-Entry-level CMOS
3-Middle-level CMOS
5-High- level CMOS

Product Series
Reserved

Industry
R：Recognition (ANPR)
P：Parking
T：Traffic flow
M：Mobile

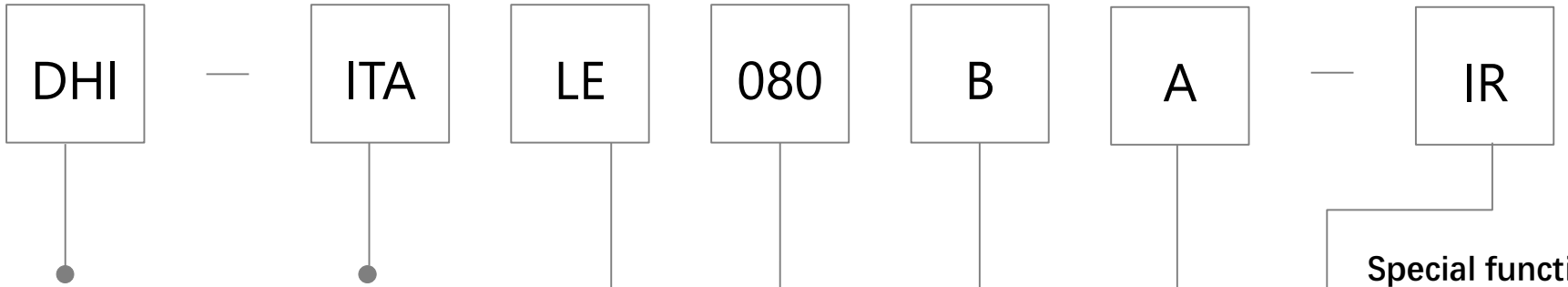
Appearance
U：Unit
F：Fixed camera
D：Dome camera
W：Water-proof

Generation of sensor
1：1st generation of certain sensor

Generation of Platform
A：a type of sensor

Extension
L-White Light
IRL-730nm IR Light
IRLF-850nm IR Light
H-Heater.

ITS-Traffic Accessory



Brand:
Dahua

Intelligent Traffic accessory

- **Device type**
- LE: Led illuminator
- LF: Flash
- CD: Car detector
- SD: Signal detector
- RD: Radar detector
- BX: Box, housing

Device subclass
LE,LF:
123=consumption, LE060=60W;
CD,SD:
123=quantity of loop, CD004=4 channel loop
RD:
123=Frequency of radar, RD024=24G
BX:
123=Size of housing. BX018=18 inch

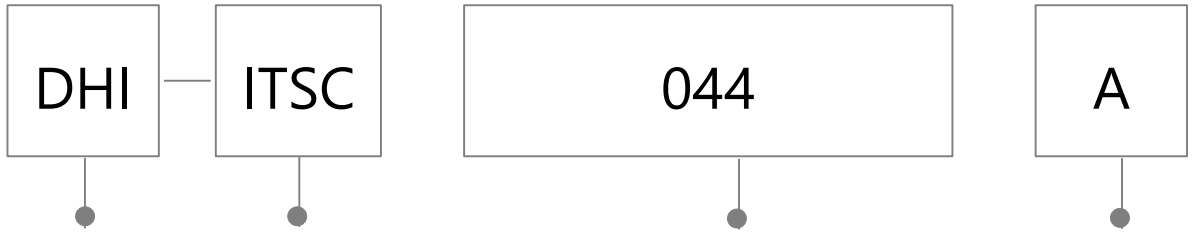
Reserved

Expand function
LE: A, Strobe, B, Strobe+Flash
LF, A.Single tube,B,Double tube
RD, S, single channel, D, Double channel
BX, A, IP66, B,IP65, C, IP64

Special function
LE,LF
IR: Infrared,7:730nm,8,850nm

BX
H: Heating; W: windshield wiper
T: lighting protection

ITS-Traffic Signal Controller



Brand:
Dahua

Intelligent traffic signal controller

Product specification
044 Control 44 Traffic Signal
096 Control 96Traffic Signal
108 Control 108 Traffic Signal

Generation of Platform
A=1st generation
B=2nd generation

ITS-Traffic Controller-Board

Board type
PDB ; Pedestrian Detection Board
SLB: Signal Light Control Board
VDB: Vehicle Detection Board
RC: Remote Control

Product specification
044 Control 44 Traffic Signal
096 Control 96Traffic Signal
108 Control 108 Traffic Signal

Generation of Platform
A=1st generation
B=2nd generation

ITS-Traffic light

ITL	M300	XXX	XXXX（X）

Category
Intelligent Traffic Light

Arrow Direction
Blank: No arrows
L: Left turn
R: Right turn
S: Straight direction
NL: No left turn
NR: No right turn
NLU: No left U-turn
NRU: No right U-turn
SG: Straight Green

Specific
Blank: No specific
B: Bead lens
C: Cobweb lens
H: High flux lamp
D: Dynamic pedestrian
A: All-in-One (RYG)

Subcategory
M: Motor Vehicle
P: Pedestrian
B: Bicycle
C: Countdown
SM: Solar Motor Vehicle

Size (Dimension)
300: Φ300mm for Signal light
400: Φ400mm for Signal light
8060: 80*60cm for countdown timer

Lamp Numbers
2: Two lights
3: Three lights

Power Supply
AC: Alternating current 85~265V
DC12: Direct current 12V
BA: Battery

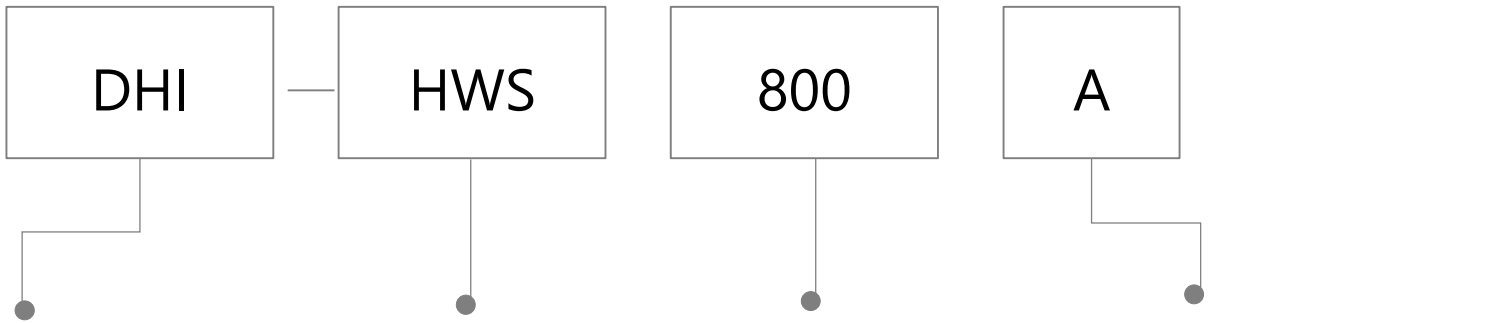
Generation of Platform
A: 1st generation
B: 2st generation

Countdown Timer
Blank: No Countdown Timer
1: One digit Countdown Timer (Bicolor)
2: Two digit Countdown Timer (Bicolor)
4: One digit Countdown Timer (Tricolor)
5: Two digit Countdown Timer (Tricolor)

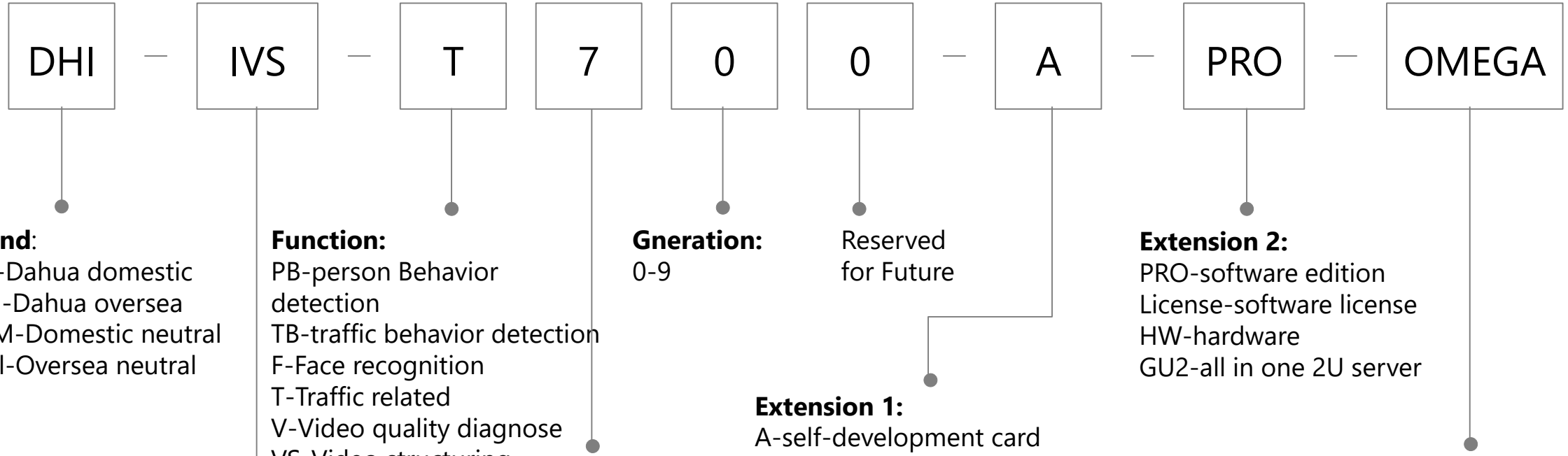
Installation Direction
H: Horizontal type
V: Vertical type

Housing Material
P: Poly Carbonate
C: Cold-rolled Iron
A: Aluminum

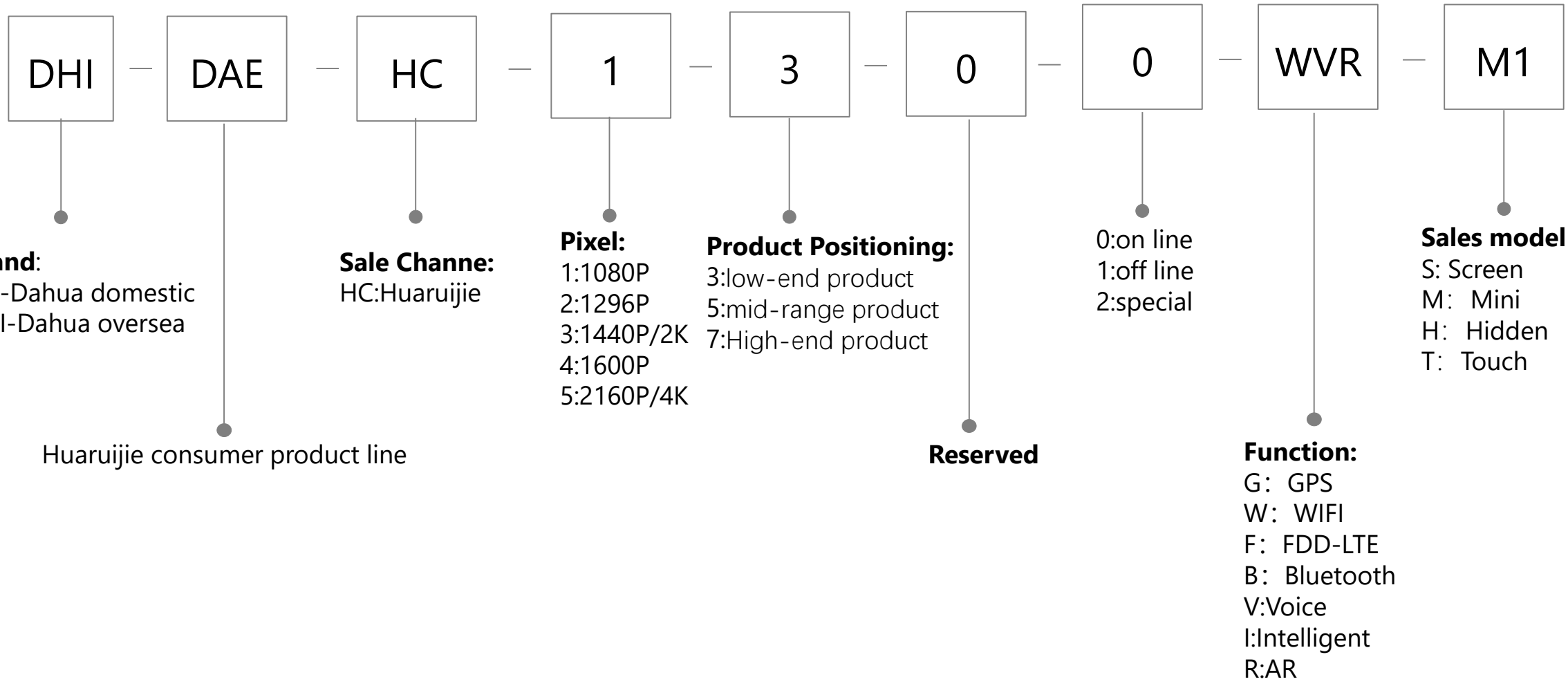
ITS-Speed Measuring System



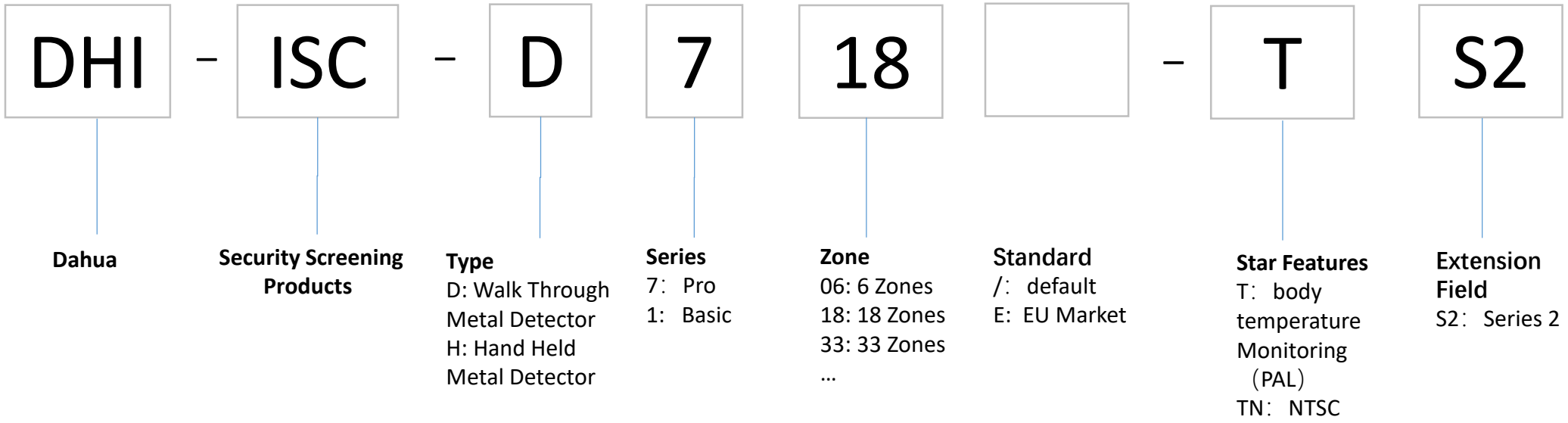
IVS


DHI
IVS
T
7
0
0
A
PRO
OMEGA
Brand:
DH-Dahua domestic
DHI-Dahua oversea
OEM-Domestic neutral
Null-Oversea neutral
Function:
PB-person Behavior detection
TB-traffic behavior detection
F-Face recognition
T-Traffic related
V-Video quality diagnose
VS-Video structuring
IP-Prison
FC = Feature Comparision
GS=General Sense
IVS-Intelligent Video Server Product
Series:
7
Gneration:
0-9
Reserved for Future
Extension 1:
A-self-development card
P-nVIDIA GPU card
Extension 2:
PRO-software edition
License-software license
HW-hardware
GU2-all in one 2U server
Customized Edition Name:
OMEGA-customized edition name

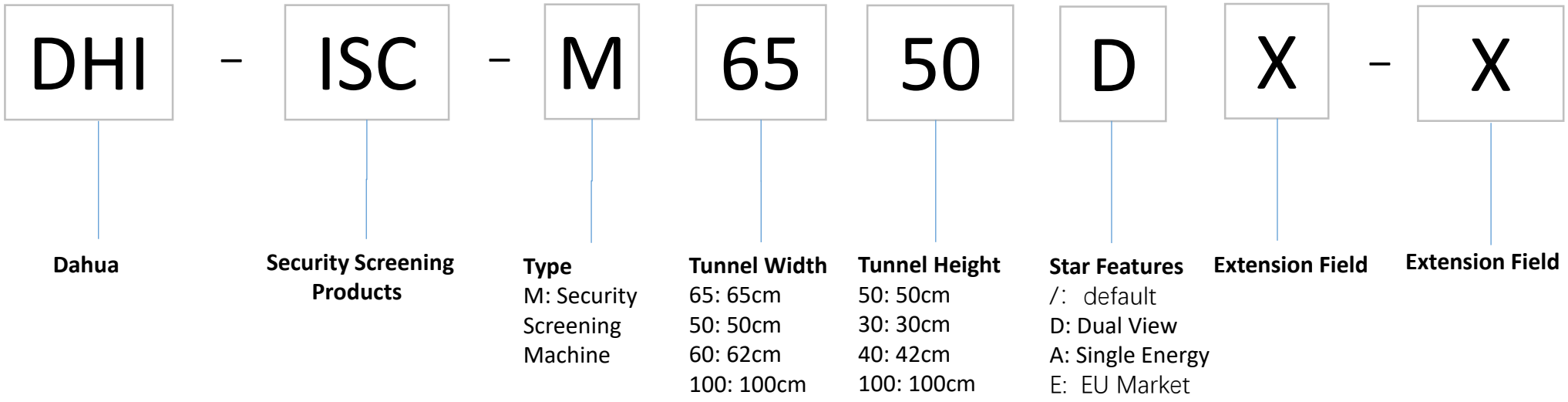
Dash Camera


DHI
DAE
HC
1
3
0
0
WVR
M1
Brand:
DH-Dahua domestic
DHI-Dahua oversea
Huaruijie consumer product line
Sale Channe:
HC:Huaruijie
Pixel:
1:1080P
2:1296P
3:1440P/2K
4:1600P
5:2160P/4K
Product Positioning:
3:low-end product
5:mid-range product
7:High-end product
Reserved
0:on line
1:off line
2:special
Function:
G：GPS
W：WIFI
F：FDD-LTE
B：Bluetooth
V:Voice
I:Intelligent
R:AR
Sales model：
S: Screen
M： Mini
H： Hidden
T： Touch

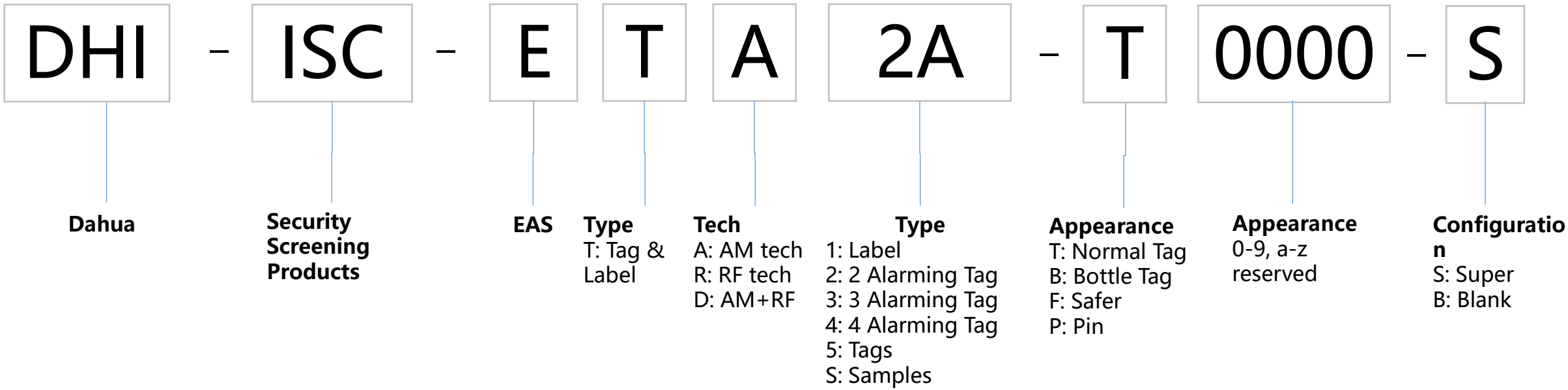
Metal Detector



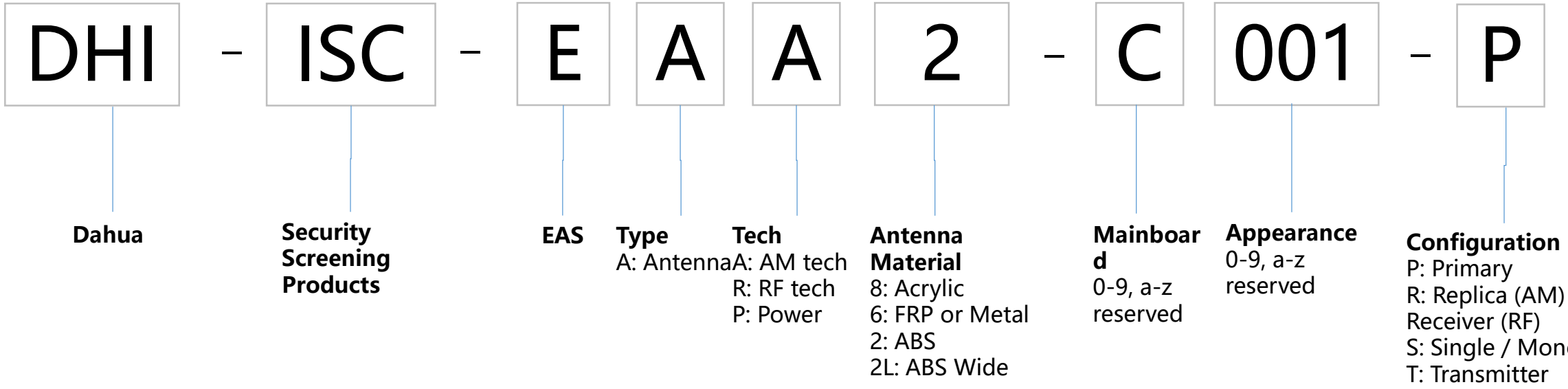
Baggage & Parcel Screening



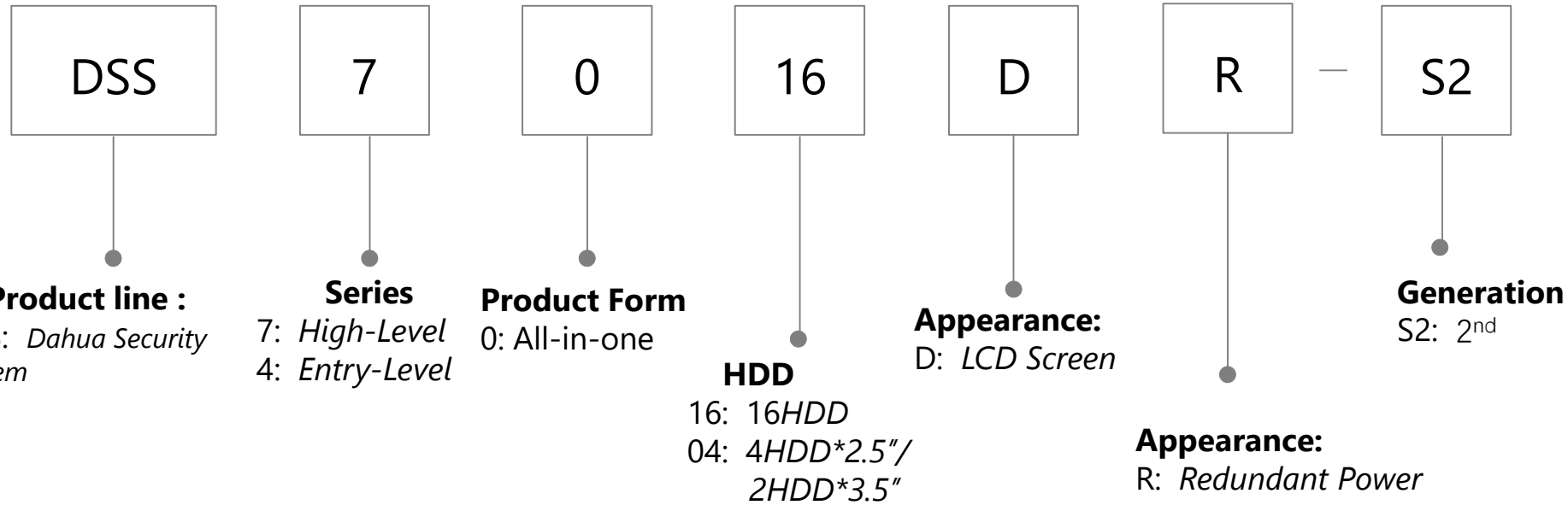
EAS Labels & Tags

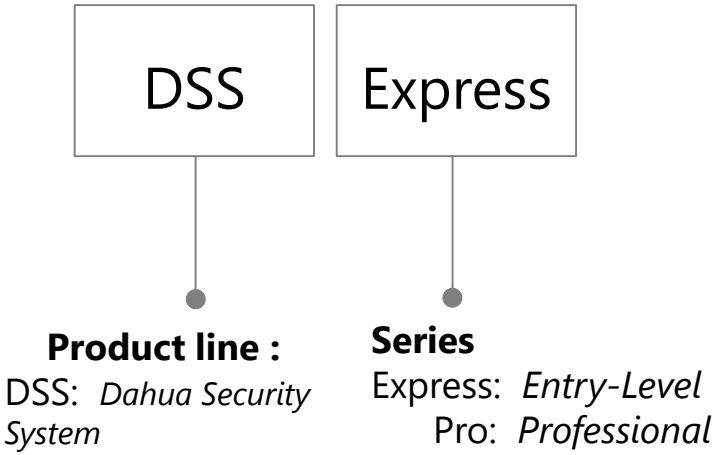


EAS antenna

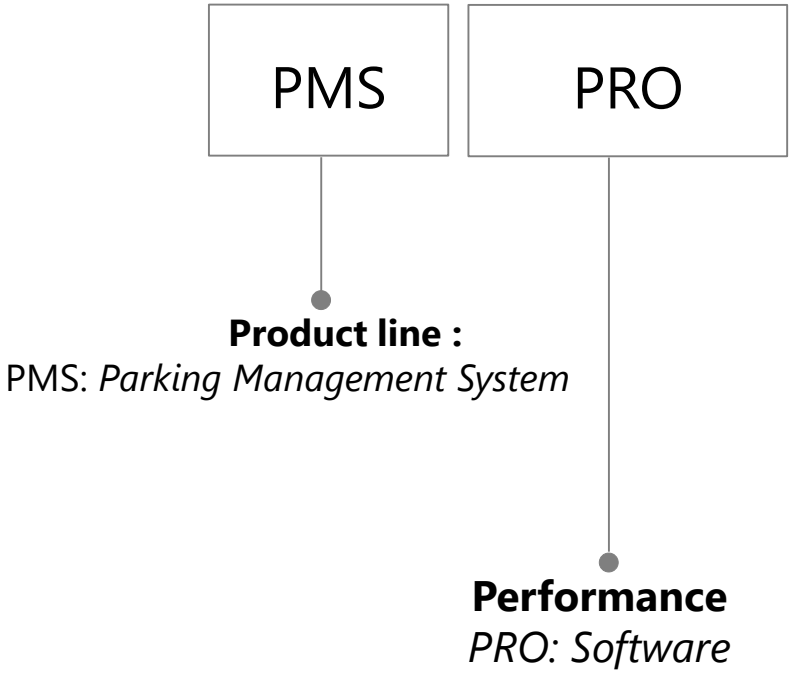

DHI
-
ISC
-
E
A
A
2
-
C
001
-
P
Dahua
Security Screening Products
EAS
Type
A: Antenna
Tech
A: AM tech
R: RF tech
P: Power
Antenna Material
8: Acrylic
6: FRP or Metal
2: ABS
2L: ABS Wide
Mainboard
0-9, a-z reserved
Appearance
0-9, a-z reserved
Configuration
P: Primary
R: Replica (AM) / Receiver (RF)
S: Single / Mono
T: Transmitter

DSS Baseline





DSS: PMS


PMS
PRO
Product line :
PMS: *Parking Management System*
Performance
PRO: Software

White board

Naming rules for external models of smart blackboard/education IFPD/conference IFPD															
		Required		Required	Required	Required	Required		Required	Required	Required	Required	Required		Required
smart blackboard/education IFPD/ conference IFPD	Field number	①		②	③	④	⑤		⑥	⑦	⑧	⑨	⑩		⑪
	Identification	Company Identification		Product Line Identification	Sales Type	Product form	Dimension identification		Market positioning	Series identification	Series identification2	Series identification3	Series identification 4		Camera, etc
	Example	DH	-	L	C	H	86	-	S	T	4	4	0	-	C
	Description	DH=Dahua Brand		L=Interactive LCD Display	C：Channel Type	H：Horizontal screen	55=55 inches		S=education IFPD	T=Interactive	4=4K				C:Camera l model
		DHI=Overseas Dahua Brand			P：Project type	V：Vertical screen	65=65 inches		H=Smart blackboard	Lack=No Interactive Function	8=8K				B:Basic model
		N=Domestic neutral Lack=overseas neutral					75=75 inches		M=conference IFPD						Lack=No camera
							85=85 inches								
							86=86 inches								
							98=98 inches								
	Typical examples	DH-LCH86-ST400-C													